

40B

LDPE PCR

PRODUCT SPECIFICATION

Description:	Recycled low density polyethylene
Origin:	100% Post-consumer Recyclass / Kiplast Certified
Shape:	Pellets
Colour:	Natural
Packaging:	Big - Bags over pallet covered with hoods and stretch film/tanker
Filtration:	Two filtration steps, up to 50 microns.
Composition:	60 ± 15 % LDPE / 40 ± 15 % LLDPE(1) ISO 11357-3
Additives	Thermal Stabilizer/Antioxidant: No
Main applications:	Shrink films. Collation and pallet. Not suitable for food use.



CHARACTERISTICS	TEST METHOD	TESTING CONDI TIONS	VALUE	UNIT
MATERIAL PROPERTIES				
MELT FLOW INDEX	ISO 1133-1	190 °C - 2,16 Kg	0,7 ± 0,3	g/10min
DENSITY	ISO 1183-1	23 °C	0,926 ± 0,005	g/cm³
APPARENT DENSITY	Annex B, EN 15344	-	0,49 ± 0,02	Kg/m³
MOISTURE CONTENT	Annex B, UNE 53978	105 °C	< 0,30	%
ASH CONTENT	ISO 3451-1	600 °C	< 1	%

(1) The data given are mean values, correspond to a representative sample and are only referential

Shipment Info:

Estimated Net Weight per Big Bag: 1.100 Kg
Estimated Net Weight per Load (22 Big bags): 24.200Kg.
Tariff Code: 39011090.

Billing is done by weighing the big bags individually, without including the weight of the pallet and packaging.

Storage recommendations:

Store on a pallet, in a cool, dry place. As well as indoors and away from direct sunlight. After THREE (3) MONTHS from the dispatch of the products, no claim will be admitted derived from the loss of properties of the material, among other causes as the suitability of the storage of the delivered product during the entire period is unknown. In the event of any complaint, the batch number and number of pallets affected must be indicated in order for it to be admitted.

Compliance Regulations:

- EN 15343:2007. Plásticos . Plastics. Recycled Plastics. Plastics recycling traceability and assesment of conformity and recycled content.
- UNE –EN 15343:2008. Plásticos. Recycled Plastics. Plastics recycling traceability and assesment of conformity and recycled content.
- EN 15344:2021. Plásticos. Recycled Plastics. Characterization of Polyethylene (PE) recycles
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- EN 15347:2007. Plásticos. Recycled Plastics. Characterization of plastics wastes.
- UNE –EN 15347:2008. Plásticos. Recycled Plastics. Characterization of plastics wastes.
- UNE 53978:2019. Plásticos. Recycled polyethylene (PE) materials. Characteristics and classification - Category Maximum A, with a confidence level > 95%, in the COA
- Order TED/646/2023, of 9 June, establishing the criteria for determining when thermoplastic waste subjected to mechanical treatments and intended for the manufacture of plastic products ceases to be waste in accordance with Law 7/2022, of 8 April, on waste and contaminated soil for a circular economy.

Full LCA analysis available on demand, from cradle to gate

99H

LDPE/LDPE PCR

PRODUCT SPECIFICATION

Description:	Recycled low density polyethylene
Origin:	100% Post-consumer Recyclass / Kiplast Certified
Shape:	Pellets
Color:	Color variability
Packaging:	Big - Bags over pallet covered with hoods and stretch film /tanker
Filtration:	Two filtration steps, up to 50 microns.
Composition:	60 ± 20 % LDPE / 60 ± 20 % LLDPE ⁽¹⁾ ISO 11357-3
Additives	Thermal Stabilizer/Antioxidant: No
Main applications:	Shrink films. Collation and pallet. Not suitable for food use.



CHARACTERISTICS	TEST METHOD	TESTING CONDI TIONS	VALUE	UNIT
MATERIAL PROPERTIES				
MELT FLOW INDEX	ISO 1133-1	190 °C - 2,16 Kg	1,5±0,8	g/10min
DENSITY	ISO 1183-1	23 °C	0,927 ± 0,1	g/cm³

(1) The data given are average values, they are only referential.

Shipment Info:

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- UNE-EN 15344:2022. Plastics. Recycled Plastics. Characterization of Polyethylene (PE) recylate
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99Z

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Color:	Color variability
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Filtration:	Two filtration steps, up to 50 microns.
Composition:	60 ± 20 % LDPE / 60 ± 20 % LLDPE ⁽¹⁾ ISO 11357-3
Additives	Thermal Stabilizer/Antioxidant: No
Main applications:	Shrink films. Collation and pallet. Not suitable for food use.



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5008A

LDPE PCR

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Origin:	Min 98,5% Post-consumer Recyclass / Kiplast Certified
Shape:	Pellets
Colour:	Natural
Packaging:	Big - Bags over pallet covered with hoods and stretch film/tanker
Filtration:	Two filtration steps, up to 50 microns.
Composition:	50 ± 10 % LDPE /50 ± 10 % LLDPE ⁽¹⁾ ISO 11357-3
Additives	Thermal Stabilizer/Antioxidant: Yes
Main applications:	Shrink films. Collation and pallet. Not suitable for food use.



CHARACTERISTICS	TEST METHOD	TESTING CONDI TIONS	VALUE	UNIT
MATERIAL PROPERTIES				
MELT FLOW INDEX	ISO 1133-1	190 °C - 2,16 Kg	0,80±0,25	g/10min
DENSITY	ISO 1183-1	23 °C	0,925 ± 0,005	g/cm³
APPARENT DENSITY	Annex B, EN 15344	-	0,49 ± 0,02	Kg/m³
MOISTURE CONTENT	Annex B, UNE 53978	105 °C	< 0,30	%
ASH CONTENT	ISO 3451-1	600 °C	< 1	%
PROPERTIES FILM ^{(1) (2)}				
TENSILE STRENGTH AT BREAK — MD / TD	ISO 527 - 3	-	23 / 22 ± 2	MPa
SECANT MODULUS AT 2% — MD / TD	ISO 527 - 3	-	280 / 300 ± 40	MPa
TENSILE ELONGATION AT BREAK — MD / TD	ISO 527 - 3	-	560 / 700 ± 60	%
TEAR STRENGTH (ELMENDORF) — MD / TD	ISO 6383 - 2	-	2,0 / 8,5 ± 0,8	N
DART DROP IMPACT	ISO 7765 - 1	-	90 ± 10	g
COEFIFICENT OF FRICTION— S / D	ISO 8295	-	>0,55 / >0,45	-

(1) The data given are mean values, correspond to a representative sample and are only referential
(2) Film Data (Thickness-BUR-Die gap) obtained on a laboratory scale. (50µ– 3– 1,8mm)

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5008AC

LDPE PCR

PRODUCT SPECIFICATION

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Origin:	Min 98,5% Post-consumer Reyclast / Kiplast Certified
Shape:	Pellets
Colour:	Natural
Packaging:	Big - Bags over pallet covered with hoods and stretch film/tanker
Filtration:	Two filtration steps, up to 50 microns.
Composition:	50 ± 10 % LDPE /50 ± 10 % LLDPE ⁽¹⁾ ISO 11357-3
Additives	Thermal Stabilizer/Antioxidant: Yes
Main applications:	Shrink films. Collation and pallet. Not suitable for food use.



CHARACTERISTICS	TEST METHOD	TESTING CONDI TIONS	VALUE	UNIT
MATERIAL PROPERTIES				
MELT FLOW INDEX	ISO 1133-1	190 °C - 2,16 Kg	0,80±0,25	g/10min
DENSITY	ISO 1183-1	23 °C	0,925 ± 0,005	g/cm³
APPARENT DENSITY	Annex B, EN 15344	-	0,49 ± 0,02	Kg/m³
MOISTURE CONTENT	Annex B, UNE 53978	105 °C	< 0,30	%
ASH CONTENT	ISO 3451-1	600 °C	< 1	%
PROPERTIES FILM ⁽¹⁾ ⁽²⁾				
TENSILE STRENGTH AT BREAK — MD / TD	ISO 527 - 3	-	23 / 22 ± 2	MPa
SECANT MODULUS AT 2% — MD / TD	ISO 527 - 3	-	280 / 300 ± 40	MPa
TENSILE ELONGATION AT BREAK — MD / TD	ISO 527 - 3	-	560 / 700 ± 60	%
TEAR STRENGTH (ELMENDORF) — MD / TD	ISO 6383 - 2	-	2,0 / 8,5 ± 0,8	N
DART DROP IMPACT	ISO 7765 - 1	-	90 ± 10	g
COEFIFCIENT OF FRICTION— S / D	ISO 8295	-	>0,55 / >0,45	-

(1) The data given are mean values, correspond to a representative sample and are only referential
(2) Film Data (Thickness-BUR-Die gap) obtained on a laboratory scale. (50µ– 3– 1,8mm)

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5008FF

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Packaging:	Big - Bags over pallet covered with hoods and stretch film/tanker
Filtration:	Two filtration steps, up to 50 microns.
Composition:	50 ± 10 % LDPE / 50 ± 10 % LLDPE ⁽¹⁾ ISO 11357-3
Additives	Thermal Stabilizer/Antioxidant: No
Main applications:	Shrink films. Collation and pallet. Not suitable for food use.



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APPARENT DENSITY	Annex B, EN 15344	-	0,49 ± 0,02	Kg/m³
MOISTURE CONTENT	Annex B, UNE 53978	105 °C	< 0,30	%
ASH CONTENT	ISO 3451-1	600 °C	< 1	%
PROPERTIES FILM ^{(1) (2)}				
TENSILE STRENGTH AT BREAK — MD / TD	ISO 527 - 3	-	23 / 22 ± 2	MPa
SECANT MODULUS AT 2% — MD / TD	ISO 527 - 3	-	280 / 300 ± 40	MPa
TENSILE ELONGATION AT BREAK — MD / TD	ISO 527 - 3	-	560 / 700 ± 60	%
TEAR STRENGTH (ELMENDORF) — MD / TD	ISO 6383 - 2	-	2,0 / 8,5 ± 0,8	N
DART DROP IMPACT	ISO 7765 - 1	-	90 ± 10	g
COEFIFCIENT OF FRICTION— S / D	ISO 8295	-	>0,55 / >0,45	-

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(2) Film Data (Thickness-BUR-Die gap) obtained on a laboratory scale. (50µ– 3– 1,8mm)

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6012A

LDPE PCR

PRODUCT SPECIFICATION

Description:	Recycled low density polyethylene
Origin:	Min 98,5% Post-consumer Recyclass / Kiplast Certified
Shape:	Pellets
Colour:	Natural
Packaging:	Big - Bags over pallet covered with hoods and stretch film /tanker
Filtration:	Two filtration steps, up to 50 microns.
Composition:	40 ± 10 % LDPE/ 60 ± 10 % LLDPE ⁽¹⁾ ISO 11357-3
Additives	Thermal Stabilizer/Antioxidant: Yes
Main applications:	Middle to high thickness films: HDS, Sacs, lamination film, general bags.Not suitable for food use.



CHARACTERISTICS	TEST METHOD	TESTING CONDI TIONS	VALUE	UNIT
MATERIAL PROPERTIES				
MELT FLOW INDEX	ISO 1133-1	190 °C - 2,16 Kg	1,20±0,25	g/10min
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APPARENT DENSITY	Annex B, EN 15344	-	0,49 ± 0,02	Kg/m³
MOISTURE CONTENT	Annex B, UNE 53978	105 °C	< 0,30	%
ASH CONTENT	ISO 3451-1	600 °C	< 1	%
PROPERTIES FILM ^{(1) (2)}				
TENSILE STRENGTH AT BREAK — MD / TD	ISO 527 - 3	-	25 / 23 ± 2	MPa
SECANT MODULUS AT 2% — MD / TD	ISO 527 - 3	-	290 / 320 ± 40	MPa
TENSILE ELONGATION AT BREAK — MD / TD	ISO 527 - 3	-	580 / 720 ± 60	%
TEAR STRENGTH (ELMENDORF) — MD / TD	ISO 6383 - 2	-	2,2 / 8,5 ± 0,8	N
DART DROP IMPACT	ISO 7765 - 1	-	110 ± 10	g
COEFIFCIENT OF FRICTION— S / D	ISO 8295	-	>0,60 / >0,55	-

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Additives	Thermal Stabilizer/Antioxidant: No
Main applications:	Middle to high thickness films: HDS, bags, lamination film, general bags. Not suitable for food use.



CHARACTERISTICS	TEST METHOD	TESTING CONDI TIONS	VALUE	UNIT
MATERIAL PROPERTIES				
MELT FLOW INDEX	ISO 1133-1	190 °C - 2,16 Kg	1,20±0,25	g/10min
DENSITY	ISO 1183-1	23 °C	0,924 ± 0,005	g/cm³
APPARENT DENSITY	Annex B, EN 15344	-	0,49 ± 0,02	Kg/m³
MOISTURE CONTENT	Annex B, UNE 53978	105 °C	< 0,30	%
ASH CONTENT	ISO 3451-1	600 °C	< 1	%
PROPERTIES FILM ⁽¹⁾ ⁽²⁾				
TENSILE STRENGTH AT BREAK — MD / TD	ISO 527 - 3	-	25 / 23 ± 2	MPa
SECANT MODULUS AT 2% — MD / TD	ISO 527 - 3	-	290 / 320 ± 40	MPa
TENSILE ELONGATION AT BREAK — MD / TD	ISO 527 - 3	-	580 / 720 ± 60	%
TEAR STRENGTH (ELMENDORF) — MD / TD	ISO 6383 - 2	-	2,2 / 8,5 ± 0,8	N
DART DROP IMPACT	ISO 7765 - 1	-	110 ± 10	g
COEFIFCIENT OF FRICTION— S / D	ISO 8295	-	>0,60 / >0,55	-

(1) The data given are mean values, correspond to a representative sample and are only referential
(2) Film Data (Thickness-BUR-Die gap) obtained on a laboratory scale. (50µ– 3– 1,8mm)

Shipment Info:

- Estimated Net Weight per Big Bag: 1.100 Kg
- Estimated Net Weight per Load (22 Big bags): 24.200Kg.
- Tariff Code: 39011090.

Billing is done by weighing the big bags individually, without including the weight of the pallet and packaging.

Storage recommendations:

Store on a pallet, in a cool, dry place. As well as indoors and away from direct sunlight. After THREE (3) MONTHS from the dispatch of the products, no claim will be admitted derived from the loss of properties of the material, among other causes as the suitability of the storage of the delivered product during the entire period is unknown. In the event of any complaint, the batch number and number of pallets affected must be indicated in order for it to be admitted.

Compliance Regulations:

- EN 15343:2007. Plásticos . Plastics. Recycled Plastics. Plastics recycling traceability and assesment of conformity and recycled content.
- UNE –EN 15343:2008. Plastics. Recycled Plastics. Plastics recycling traceability and assesment of conformity and recycled content.
- EN 15344:2021. Plastics. Recycled Plastics. Characterization of Polyethylene (PE) recyclates
- UNE-EN 15344:2022. Plastics. Recycled Plastics. Characterization of Polyethylene (PE) recyclete
- EN 15347:2007. Plastics. Recycled Plastics. Characterization of plastics wastes.
- UNE –EN 15347:2008. Plastics. Recycled Plastics. Characterization of plastics wastes.
- UNE 53978:2019. Plastics. Recycled polyethylene (PE) materials. Characteristics and classification - Category Maximum A, with a confidence level > 95%, in the COA
- Order TED/646/2023, of 9 June, establishing the criteria for determining when thermoplastic waste subjected to mechanical treatments and intended for the manufacture of plastic products ceases to be waste in accordance with Law 7/2022, of 8 April, on waste and contaminated soil for a circular economy.

Full LCA analysis available on demand, from cradle to gate



7016A

LDPE / LLDPE PCR

PRODUCT SPECIFICATION

Description:	Recycled low density polyethylene
Origin:	Min 98,5% Post-consumer Recyclass / Kiplast Certified
Shape:	Pellets
Colour:	Natural
Packaging:	Big - Bags over pallet covered with hoods and stretch film /tanker
Filtration:	Two filtration steps, up to 50 microns.
Composition:	30 ± 10 % LDPE/ 70 ± 10 % LLDPE ⁽¹⁾ ISO 11357-3
Additives	Thermal Stabilizer/Antioxidant: Yes
Main applications:	Medium and low thickness films, general application, mulching, fine gauge bags and others. Not suitable for food use.



CHARACTERISTICS	TEST METHOD	TESTING CONDI TIONS	VALUE	UNIT
MATERIAL PROPERTIES				
MELT FLOW INDEX	ISO 1133-1	190 °C - 2,16 Kg	1,60 ± 0,25	g/10min
DENSITY	ISO 1183-1	23 °C	0,922 ± 0,005	g/cm³
APPARENT DENSITY	Annex B, EN 15344	-	0,49 ± 0,02	Kg/m³
MOISTURE CONTENT	Annex B, UNE 53978	105 °C	< 0,30	%
ASH CONTENT	ISO 3451-1	600 °C	< 1	%
PROPERTIES FILM ^{(1) (2)}				
TENSILE STRENGTH AT BREAK — MD / TD	ISO 527 - 3	-	25 / 21 ± 2	MPa
SECANT MODULUS AT 2% — MD / TD	ISO 527 - 3	-	330 / 370 ± 40	MPa
TENSILE ELONGATION AT BREAK — MD / TD	ISO 527 - 3	-	510 / 760 ± 60	%
TEAR STRENGTH (ELMENDORF) — MD / TD	ISO 6383 - 2	-	1,6 / 8,0 ± 0,8	N
DART DROP IMPACT	ISO 7765 - 1	-	90 ± 15	g
COEFIFCIENT OF FRICTION— S / D	ISO 8295	-	>0,70 / >0,65	-

(1) The data given are mean values, correspond to a representative sample and are only referential
(2) Film Data (Thickness-BUR-Die gap) obtained on a laboratory scale. (30µ– 3– 1,8mm)

Shipment Info:

Estimated Net Weight per Big Bag: 1.100 Kg
Estimated Net Weight per Load (22 Big bags): 24.200Kg.
Tariff Code: 39011090.

Billing is done by weighing the big bags individually, without including the weight of the pallet and packaging.

Storage recommendations:

Store on a pallet, in a cool, dry place. As well as indoors and away from direct sunlight. After THREE (3) MONTHS from the dispatch of the products, no claim will be admitted derived from the loss of properties of the material, among other causes as the suitability of the storage of the delivered product during the entire period is unknown. In the event of any complaint, the batch number and number of pallets affected must be indicated in order for it to be admitted.

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7016AC

LDPE / LLDPE PCR

PRODUCT SPECIFICATION

Description:	Recycled low density polyethylene
Origin:	Min 98,5% Post-consumer Recyclass / Kiplast Certified
Shape:	Pellets
Colour:	Natural
Packaging:	Big - Bags over pallet covered with hoods and stretch film /tanker
Filtration:	Two filtration steps, up to 50 microns.
Composition:	30 ± 10 % LDPE/ 70 ± 10 % LLDPE ⁽¹⁾ ISO 11357-3
Additives	Thermal Stabilizer/Antioxidant: Yes
Main applications:	Medium and low thickness films, general application, mulching, fine gauge bags and others. Not suitable for food use.



CHARACTERISTICS	TEST METHOD	TESTING CONDI TIONS	VALUE	UNIT
MATERIAL PROPERTIES				
MELT FLOW INDEX	ISO 1133-1	190 °C - 2,16 Kg	1,60 ± 0,25	g/10min
DENSITY	ISO 1183-1	23 °C	0,922 ± 0,005	g/cm³
APPARENT DENSITY	Annex B, EN 15344	-	0,49 ± 0,02	Kg/m³
MOISTURE CONTENT	Annex B, UNE 53978	105 °C	< 0,30	%
ASH CONTENT	ISO 3451-1	600 °C	< 1	%
PROPERTIES FILM ^{(1) (2)}				
TENSILE STRENGTH AT BREAK — MD / TD	ISO 527 - 3	-	25 / 21 ± 2	MPa
SECANT MODULUS AT 2% — MD / TD	ISO 527 - 3	-	330 / 370 ± 40	MPa
TENSILE ELONGATION AT BREAK — MD / TD	ISO 527 - 3	-	510 / 760 ± 60	%
TEAR STRENGTH (ELMENDORF) — MD / TD	ISO 6383 - 2	-	1,6 / 8,0 ± 0,8	N
DART DROP IMPACT	ISO 7765 - 1	-	90 ± 15	g
COEFIFCIENT OF FRICTION— S / D	ISO 8295	-	>0,70 / >0,65	-

(1) The data given are mean values, correspond to a representative sample and are only referential
(2) Film Data (Thickness-BUR-Die gap) obtained on a laboratory scale. (30µ– 3– 1,8mm)

Shipment Info:

Estimated Net Weight per Big Bag: 1.100 Kg
Estimated Net Weight per Load (22 Big bags): 24.200Kg.
Tariff Code: 39011090.

Billing is done by weighing the big bags individually, without including the weight of the pallet and packaging.

Storage recommendations:

Store on a pallet, in a cool, dry place. As well as indoors and away from direct sunlight. After THREE (3) MONTHS from the dispatch of the products, no claim will be admitted derived from the loss of properties of the material, among other causes as the suitability of the storage of the delivered product during the entire period is unknown. In the event of any complaint, the batch number and number of pallets affected must be indicated in order for it to be admitted.

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- EN 15344:2021. Plastics. Recycled Plastics. Characterization of Polyethylene (PE) recycles
- UNE-EN 15344:2022. Plastics. Recycled Plastics. Characterization of Polyethylene (PE) recycle
- EN 15347:2007. Plastics. Recycled Plastics. Characterization of plastics wastes.
- UNE –EN 15347:2008. Plastics. Recycled Plastics. Characterization of plastics wastes.
- UNE 53978:2019. Plastics. Recycled polyethylene (PE) materials. Characteristics and classification - Category Maximum A, with a confidence level > 95%, in the COA
- Order TED/646/2023, of 9 June, establishing the criteria for determining when thermoplastic waste subjected to mechanical treatments and intended for the manufacture of plastic products ceases to be waste in accordance with Law 7/2022, of 8 April, on waste and contaminated soil for a circular economy.

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7016FF

LDPE / LLDPE PCR

PRODUCT SPECIFICATION

Description:	Recycled low density polyethylene
Origin:	100% Post-consumer Recyclass / Kiplast Certified
Shape:	Pellets
Colour:	Natural
Packaging:	Big - Bags over pallet covered with hoods and stretch film /tanker
Filtration:	Two filtration steps, up to 50 microns.
Composition:	30 ± 10 % LDPE/ 70 ± 10 % LLDPE ⁽¹⁾ ISO 11357-3
Additives	Thermal Stabilizer/Antioxidant: No
Main applications:	Medium and low thickness films, general application, mulching, fine gauge bags and others. Not suitable for food use.



CHARACTERISTICS	TEST METHOD	TESTING CONDI TIONS	VALUE	UNIT
MATERIAL PROPERTIES				
MELT FLOW INDEX	ISO 1133-1	190 °C - 2,16 Kg	1,60 ± 0,25	g/10min
DENSITY	ISO 1183-1	23 °C	0,922 ± 0,005	g/cm³
APPARENT DENSITY	Annex B, EN 15344	-	0,49 ± 0,02	Kg/m³
MOISTURE CONTENT	Annex B, UNE 53978	105 °C	< 0,30	%
ASH CONTENT	ISO 3451-1	600 °C	< 1	%
PROPERTIES FILM ^{(1) (2)}				
TENSILE STRENGTH AT BREAK — MD / TD	ISO 527 - 3	-	25 / 21 ± 2	MPa
SECANT MODULUS AT 2% — MD / TD	ISO 527 - 3	-	330 / 370 ± 40	MPa
TENSILE ELONGATION AT BREAK — MD / TD	ISO 527 - 3	-	510 / 760 ± 60	%
TEAR STRENGTH (ELMENDORF) — MD / TD	ISO 6383 - 2	-	1,6 / 8,0 ± 0,8	N
DART DROP IMPACT	ISO 7765 - 1	-	90 ± 15	g
COEFIFCIENT OF FRICTION— S / D	ISO 8295	-	>0,70 / >0,65	-

(1) The data given are mean values, correspond to a representative sample and are only referential
(2) Film Data (Thickness-BUR-Die gap) obtained on a laboratory scale. (30µ– 3– 1,8mm)

Shipment Info:

Estimated Net Weight per Big Bag: 1.100 Kg
Estimated Net Weight per Load (22 Big bags): 24.200Kg.
Tariff Code: 39011090.

Billing is done by weighing the big bags individually, without including the weight of the pallet and packaging.

Storage recommendations:

Store on a pallet, in a cool, dry place. As well as indoors and away from direct sunlight. After THREE (3) MONTHS from the dispatch of the products, no claim will be admitted derived from the loss of properties of the material, among other causes as the suitability of the storage of the delivered product during the entire period is unknown. In the event of any complaint, the batch number and number of pallets affected must be indicated in order for it to be admitted.

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- UNE –EN 15343:2008. Plastics. Recycled Plastics. Plastics recycling traceability and assesment of conformity and recycled content.
- EN 15344:2021. Plastics. Recycled Plastics. Characterization of Polyethylene (PE) recycles
- UNE-EN 15344:2022. Plastics. Recycled Plastics. Characterization of Polyethylene (PE) recycle
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- UNE –EN 15347:2008. Plastics. Recycled Plastics. Characterization of plastics wastes.
- UNE 53978:2019. Plastics. Recycled polyethylene (PE) materials. Characteristics and classification - Category Maximum A, with a confidence level > 95%, in the COA
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8020A

LDPE / LLDPE PCR

PRODUCT SPECIFICATION

Description:	Recycled low density polyethylene
Origin:	Min 98,5 % Post-consumer Recyclass / Kiplast Certified
Shape:	Pellets
Colour:	Natural
Packaging:	Big - Bags over pallet covered with hoods and stretch film/tanker
Filtration:	Two filtration steps, up to 50 microns.
Composition:	20 ± 10 % LDPE/ 80 ± 10 % LLDPE ⁽¹⁾ ISO 11357-3
Additives:	Thermal Stabilizer/ Antioxidant: Yes
Main applications:	Stretch films. Not suitable for food use.



CHARACTERISTICS	TEST METHOD	TESTING CONDI TIONS	VALUE	UNIT
MATERIAL PROPERTIES				
MELT FLOW INDEX	ISO 1133-1	190 °C - 2,16 Kg	2,00 (-0,2 / +0,4)	g/10min
DENSITY	ISO 1183-1	23 °C	0,920 ± 0,005	g/cm³
APPARENT DENSITY	Annex B, EN 15344	-	0,49 ± 0,02	Kg/m³
MOISTURE CONTENT	Annex B, UNE 53978	105 °C	< 0,30	%
ASH CONTENT	ISO 3451-1	600 °C	< 1	%
PROPERTIES FILM ⁽¹⁾ ⁽²⁾				
TENSILE STRENGTH AT BREAK — MD / TD	ISO 527 - 3	-	24 / 20 ± 2	MPa
SECANT MODULUS AT 2% — MD / TD	ISO 527 - 3	-	110 / 135 ± 20	MPa
TENSILE ELONGATION AT BREAK — MD / TD	ISO 527 - 3	-	500 / 650 ± 60	%
TEAR STRENGTH (ELMENDORF) — MD / TD	ISO 6383 - 2	-	1,8 / 5,0 ± 0,8	N
DART DROP IMPACT	ISO 7765 - 1	-	95 ± 15	g
COEFIFCIENT OF FRICTION— S / D	ISO 8295	-	>0,75 / >0,70	-

(1) The data given are mean values, correspond to a representative sample and are only referential
(2) Film Data (Thickness-BUR-Die gap) obtained on a laboratory scale. (30µ– 3– 1,8mm)

Shipment Info:

Estimated Net Weight per Big Bag: 1.100 Kg
Estimated Net Weight per Load (22 Big bags): 24.200Kg.
Tariff Code: 39011090.

Billing is done by weighing the big bags individually, without including the weight of the pallet and packaging.

Storage recommendations:

Store on a pallet, in a cool, dry place. As well as indoors and away from direct sunlight. After THREE (3) MONTHS from the dispatch of the products, no claim will be admitted derived from the loss of properties of the material, among other causes as the suitability of the storage of the delivered product during the entire period is unknown. In the event of any complaint, the batch number and number of pallets affected must be indicated in order for it to be admitted.

Compliance Regulations:

- EN 15343:2007. Plásticos . Plastics. Recycled Plastics. Plastics recycling traceability and assesment of conformity and recycled content.
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- UNE –EN 15347:2008. Plastics. Recycled Plastics. Characterization of plastics wastes.
- UNE 53978:2019. Plastics. Recycled polyethylene (PE) materials. Characteristics and classification - Category Maximum A, with a confidence level > 95%, in the COA
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Full LCA analysis available on demand, from cradle to gate



8020AC

LDPE / LLDPE PCR



PRODUCT SPECIFICATION

Description:	Recycled low density polyethylene
Origin:	Min 98,5 % Post-consumer Recyclass / Kiplast Certified
Shape:	Pellets
Colour:	Natural
Packaging:	Big - Bags over pallet covered with hoods and stretch film /tanker
Filtration:	Two filtration steps, up to 50 microns.
Composition:	20 ± 10 % LDPE/ 80 ± 10 % LLDPE ⁽¹⁾ ISO 11357-3
Additives:	Thermal Stabilizer/ Antioxidant: Yes
Main applications:	Stretch films. Not suitable for food use.

CHARACTERISTICS	TEST METHOD	TESTING CONDI TIONS	VALUE	UNIT
MATERIAL PROPERTIES				
MELT FLOW INDEX	ISO 1133-1	190 °C - 2,16 Kg	2,00 (-0,2 / +0,4)	g/10min
DENSITY	ISO 1183-1	23 °C	0,920 ± 0,005	g/cm³
APPARENT DENSITY	Annex B, EN 15344	-	0,49 ± 0,02	Kg/m³
MOISTURE CONTENT	Annex B, UNE 53978	105 °C	< 0,30	%
ASH CONTENT	ISO 3451-1	600 °C	< 1	%
PROPERTIES FILM ⁽¹⁾ ⁽²⁾				
TENSILE STRENGTH AT BREAK — MD / TD	ISO 527 - 3	-	24 / 20 ± 2	MPa
SECANT MODULUS AT 2% — MD / TD	ISO 527 - 3	-	110 / 135 ± 20	MPa
TENSILE ELONGATION AT BREAK — MD / TD	ISO 527 - 3	-	500 / 650 ± 60	%
TEAR STRENGTH (ELMENDORF) — MD / TD	ISO 6383 - 2	-	1,8 / 5,0 ± 0,8	N
DART DROP IMPACT	ISO 7765 - 1	-	95 ± 15	g
COEFIFCIENT OF FRICTION— S / D	ISO 8295	-	>0,75 / >0,70	-

(1) The data given are mean values, correspond to a representative sample and are only referential
(2) Film Data (Thickness-BUR-Die gap) obtained on a laboratory scale. (30µ– 3– 1,8mm)

Shipment Info:

Estimated Net Weight per Big Bag: 1.100 Kg
Estimated Net Weight per Load (22 Big bags): 24.200Kg.
Tariff Code: 39011090.

Billing is done by weighing the big bags individually, without including the weight of the pallet and packaging.

Storage recommendations:

Store on a pallet, in a cool, dry place. As well as indoors and away from direct sunlight. After THREE (3) MONTHS from the dispatch of the products, no claim will be admitted derived from the loss of properties of the material, among other causes as the suitability of the storage of the delivered product during the entire period is unknown. In the event of any complaint, the batch number and number of pallets affected must be indicated in order for it to be admitted.

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8020FF

LDPE / LLDPE PCR

PRODUCT SPECIFICATION

Description:	Recycled low density polyethylene
Origin:	100% Post-consumer Recyclass / Kiplast Certified
Shape:	Pellets
Colour:	Natural
Packaging:	Big - Bags over pallet covered with hoods and stretch film /tanker
Filtration:	Two filtration steps, up to 50 microns.
Composition:	20 ± 10 % LDPE/ 80 ± 10 % LLDPE(1) ISO 11357-3
Additives	Thermal Stabilizer/Antioxidant: No
Main applications:	Stretch films.Not suitable for food use.



CHARACTERISTICS	TEST METHOD	TESTING CONDI TIONS	VALUE	UNIT
MATERIAL PROPERTIES				
MELT FLOW INDEX	ISO 1133-1	190 °C - 2,16 Kg	2,00 (-0,2 / +0,4)	g/10min
DENSITY	ISO 1183-1	23 °C	0,920 ± 0,005	g/cm³
APPARENT DENSITY	Annex B, EN 15344	-	0,49 ± 0,02	Kg/m³
MOISTURE CONTENT	Annex B, UNE 53978	105 °C	< 0,30	%
ASH CONTENT	ISO 3451-1	600 °C	< 1	%
PROPERTIES FILM ^{(1) (2)}				
TENSILE STRENGTH AT BREAK — MD / TD	ISO 527 - 3	-	24 / 20 ± 2	MPa
SECANT MODULUS AT 2% — MD / TD	ISO 527 - 3	-	110 / 135 ± 20	MPa
TENSILE ELONGATION AT BREAK — MD / TD	ISO 527 - 3	-	500 / 650 ± 60	%
TEAR STRENGTH (ELMENDORF) — MD / TD	ISO 6383 - 2	-	1,8 / 5,0 ± 0,8	N
DART DROP IMPACT	ISO 7765 - 1	-	95 ± 15	g
COEFIFCIENT OF FRICTION— S / D	ISO 8295	-	>0,75 / >0,70	-

(1) The data given are mean values, correspond to a representative sample and are only referential
(2) Film Data (Thickness-BUR-Die gap) obtained on a laboratory scale. (30µ– 3– 1,8mm)

Shipment Info:

Estimated Net Weight per Big Bag: 1.100 Kg
Estimated Net Weight per Load (22 Big bags): 24.200Kg.
Tariff Code: 39011090.

Billing is done by weighing the big bags individually, without including the weight of the pallet and packaging.

Storage recommendations:

Store on a pallet, in a cool, dry place. As well as indoors and away from direct sunlight. After THREE (3) MONTHS from the dispatch of the products, no claim will be admitted derived from the loss of properties of the material, among other causes as the suitability of the storage of the delivered product during the entire period is unknown. In the event of any complaint, the batch number and number of pallets affected must be indicated in order for it to be admitted.

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- UNE –EN 15347:2008. Plastics. Recycled Plastics. Characterization of plastics wastes.
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