

Technical Data Sheet

PCR HDPE Regranulate Natural Color

Product Code: 000612



Applications	
Extrusion	Blow molding
Bottles	Films

Certification	
GRS	FDA
OBP	

Physical Properties	Value	Units	Test Method
Density (23°C)	0.94-0.96	g/cm ³	ISO 1183-1
MFI (190°C/ 2,16kg)	0.25-0.35	g/10 min	ISO 1133-1
MFI (190°C/ 5,00kg)	~1.72	g/10 min	ISO 1133-1
Flexural Modulus (23 °C, 3.2 mm, 1.3 mm/min)	≥900	MPa	ISO 178
Flexural Strength (23 °C, 3.2 mm, 1.3 mm/min)	≥22	MPa	ISO 178
Notched Izod Impact Strength (23 °C, 8 mm x 4 mm)	≥30	Kj/m ²	ISO 180
Tensile Strength (23 °C, 50 mm/min)	≥22	MPa	ISO 527-2

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Elongation at Break (23 °C, 50 mm/min)	≥500	%	ISO 527-2
Hardness (Shore D) (23°C)	70	HRR	ISO 2039-2
Odor (80 °C x 2 h)	≤2	Grade	Internal
Ash Content (800 °C, to constant weight)	≤1	%	ASTM D2584
Filter	≥150	Mesh	

Processing Information

1. Normally no need of pre-dry before use.
2. For blow molding, suggested processing temperatures (°C) are: rear 160 - 180, center 180 - 200, front 200 - 220

The above information is for reference purposes only. Make sure to adjust the molding parameters according to your machine, mold and other product requirements.

Disclaimer

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