

Braskem PP PD 943XP

Polypropylene Homopolymer

Braskem

Message:

Description:
PD 943 XP is a medium melt flow rate homopolymer, with slip and antiblocking agents. It is suitable for blown film extrusion. This product features good impact strenght, excellent gloss and transparency, good slipping and good weldability.

Applications:
Coil for automatic packaging; General purpose, food and textile packaging.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Good Impact Resistance		
	High Gloss		
	Homopolymer		
	Slip		
	Weldable		
Uses	Food Packaging		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.905	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
R-Scale, Injection Molded	98		ASTM D785
R-Scale	98		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	35.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Yield, Injection Molded)	11	%	ASTM D638, ISO 527-2
Flexural Modulus			
1% Secant : Injection Molded	1400	MPa	ASTM D790

Injection Molded	1300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
23°C, Injection Molded	30	J/m	ASTM D256
23°C, Injection Molded	3.1	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed, Injection Molded	97.0	°C	ASTM D648
0.45 MPa, Unannealed	97.0	°C	ISO 75-2/B
1.8 MPa, Unannealed, Injection Molded	55.0	°C	ASTM D648
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A
Vicat Softening Temperature	151	°C	ISO 306/A, ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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