

Braskem PD 943XP HOMO Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

Material Notes:

PD 943XP is a medium melt flow rate homopolymer with slip and antiblocking agents. It is suitable for blown film extrusion. This product features good impact strength, excellent gloss and transparency, and good slipping and weldability. Its applications include: coil for automatic packaging, general purpose, and food and textile packaging.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-PD-943XP-HOMO-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM-D792
Melt Flow	7.0 g/10 min @Load 2.16 kg, Temperature 230 °C	7.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	98	98	ASTM-D785
Tensile Strength, Yield	35.0 MPa	5080 psi	ASTM-D638
Elongation at Yield	11 %	11 %	ASTM-D638
Flexural Modulus, 1% Secant	1400 MPa	203000 psi	ASTM-D790
Izod Impact, Notched	0.300 J/cm	0.562 ft-lb/in	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	97.0 °C	207 °F	ASTM-D648
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °F	ASTM-D648
Vicat Softening Point	151 °C @Load 1.02 kg	304 °F @Load 2.25 lb	ASTM-D1525

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