

Braskem H 503 Injection Molding Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Description: H 503 is a low melt flow rate additivated homopolyme used for general purposes. It is designed for injection molding, raffia extrusion, bioriented film and general extrusion. This product exhibits excellent processability, good melt stability, good stiffness/impact strength balance and low odor and flavor transfer. Applications: Flip-top and resealable closures; Thick wall parts; Domestic appliances; Industrial bags; Big bags; Compounds; Curtains and covers to aviary and agriculture; Monofilament for ropes; Fishing nets; Cables for boats; Bristles for tooth brushes and brooms. Information provided by Braskem

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-H-503-Injection-Molding-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D792A
Melt Flow	3.5 g/10 min	3.5 g/10 min	ASTM D1238L
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	99	99	ASTM D785
Tensile Strength, Yield	35.0 MPa	5080 psi	ASTM D638
Elongation at Yield	11 %	11 %	ASTM D638
Flexural Modulus	1.40 GPa	203 ksi	1% secant; ASTM D790
Izod Impact, Notched	0.350 J/cm	0.656 ft-lb/in	ASTM D256A
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	98.0 °C	208 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °F	ASTM D648
Vicat Softening Point	155 °C	311 °F	10 N; ASTM D1525

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China