

Braskem H 117 Injection Molding Polypropylene

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

Material Notes:

Description: H 117 is a ultra-high melt flow rate homopolymer. This product is suitable to high productivity on thin-walled parts. H 117 features an excellent stiffness, thermal resistance, low warpage parts, easy mould filling and high speed injection moulding. Applications: Thin-walled parts; Media Packaging; Housewares. Information provided by Braskem

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-H-117-Injection-Molding-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D792A
Melt Flow	45 g/10 min @Load 2.16 kg, Temperature 230 °C	45 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238L

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength, Yield	38.0 MPa	5510 psi	ASTM D638
Elongation at Yield	9.0 %	9.0 %	ASTM D638
Flexural Modulus	1.60 GPa	232 ksi	ASTM D790
Izod Impact, Notched	0.200 J/cm @Temperature 23.0 °C	0.375 ft-lb/in @Temperature 73.4 °F	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	123 °C	253 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	65.0 °C	149 °F	ASTM D648
Vicat Softening Point	155 °C	311 °F	-1kg; 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