Borealis BH374MO Polypropylene Copolymer

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

Material Notes:

BH374MO is a heterophasic copolymer. This grade is characterized by optimum combination of very high stiffness, good flow properties and good impact strength. Products molded with this grade exhibit excellent antistatic performance and very good mould release. This grade yields very good electrostatic charge half-time decay. Nucleation, good flow properties and high stiffness create a high potential for cycle time reduction. Applications: pails.Information provided by Borealis AG

Order this product through the following link:
http://www.lookpolymers.com/polymer_Borealis-BH374MO-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in³	ISO 1183
Linear Mold Shrinkage	0.010 - 0.020 cm/cm	0.010 - 0.020 in/in	
Melt Flow	45 g/10 min @Load 2.16 kg, Temperature 230 °C	45 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	85	85	ISO 2309-2
Tensile Strength, Yield	26.0 MPa	3770 psi	50mm/min; ISO 527-2
Elongation at Yield	5.0 %	5.0 %	50mm/min; ISO 527-2
Tensile Modulus	1.50 GPa	218 ksi	1mm/min; ISO 527-2
Charpy Impact, Notched	0.400 J/cm² @Temperature -20.0 °C	1.90 ft-lb/in² @Temperature -4.00 °F	ISO 179/1eA
	0.650 J/cm² @Temperature 23.0 °C	3.09 ft-lb/in² @Temperature 73.4 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	96.0 °C	205 °F	ISO 75-2

Processing Properties	Metric	English	Comments
Melt Temperature	210 - 260 °C	410 - 500 °F	
Mold Temperature	10.0 - 30.0 °C	50.0 - 86.0 °F	

Processing Properties	Metric	English	Comments
Hold Pressure	20.0 - 50.0 MPa	2900 - 7250 psi	

Descriptive Properties	Value	Comments
Injection Velocity	highest possible	

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