

Borealis HC207TF Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

HC207TF is a special nucleated polypropylene homopolymer intended for thermoforming packaging. Applications: HC207TF is recommended for in-line and off line thermoforming, high transparent trays, cups and containers, housewares and thin wall packaging, margarine tubs and dairy containers, and blending with copolymers for lids. HC207TF contains antistatic agents for protection against dust and dirt pick up. Information provided by Borealis AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-HC207TF-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ISO 1183
Melt Flow	2.8 g/10 min @Load 2.16 kg, Temperature 230 °C	2.8 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Modulus	1.70 GPa	247 ksi	1mm/min; ISO 527-2
Flexural Modulus	1.65 GPa	239 ksi	2mm/min; ISO 178
Charpy Impact, Notched	0.500 J/cm ² @Temperature 23.0 °C	2.38 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	163 - 167 °C	325 - 333 °F	DSC; ISO 3146

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Processing Properties	Metric	English	Comments
Melt Temperature	210 - 240 °C	410 - 464 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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