

Borealis Bormed™ DM55pharm Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Bormed™ DM55pharm is a low melt flow rate polypropylene homopolymer intended for extrusion and thermoforming. Its very good organoleptic properties allows this grade to be used with any master batch without discoloring problems. Applications: Bormed™ DM55pharm is recommended for in line and off line thermoforming, pharmaceutical and medical device packaging, pharmaceutical blisters, and food packaging. Information provided by Borealis AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-Bormed-DM55pharm-Polypropylene.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 Strength, Yield	35.0 MPa	5080 psi	50mm/min; ISO 527-2
Elongation at Yield	9.0 %	9.0 %	50mm/min; ISO 527-2
Tensile Modulus	1.60 GPa	232 ksi	1mm/min; ISO 527-2
Flexural Modulus	1.50 GPa	218 ksi	5mm/min; ISO 178

Thermal Properties	Metric	English	Comments
Melting Point	162 - 166 °C	324 - 331 °F	ISO 3146

Optical Properties	Metric	English	Comments
Haze	27 %	27 %	ASTM D1003

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