

Borealis Daploy™ WB260HMS Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Daploy™ WB260HMS is a propylene-based, structurally isomeric polymer. Applications: cushioning and protective packaging, door liners, lightweight packaging trays, beakers and containers, microwaveable food packaging, parcel shelves, technical foams for automotive applications such as headliners, carpet backing, thermoformable foamed films and sheets, under the hood acoustic panels, water shields, and thermal and acoustic insulation. Information provided by Borealis AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-Daploy-WB260HMS-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	2.4 g/10 min	2.4 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	30.0 MPa	4350 psi	ISO 527-2
Elongation at Yield	13 %	13 %	ISO 527-2
Tensile Modulus	0.900 GPa	131 ksi	ISO 527-2
Flexural Modulus	0.850 GPa	123 ksi	ISO 178
Charpy Impact, Notched	0.800 J/cm²	3.81 ft-lb/in²	ISO 179/1eA
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	50.0 °C	122 °F	ISO 75-2
Deflection Temperature at 1.8 MPa (264 psi)	72.0 °C	162 °F	ISO 75-2

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