

UBE B (Low-Cis) HIPS (n-DM =0.03 wt %)

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Impact Modified

Material Notes:

Description: UBE high impact polystyrene (HIPS).Information provided by UBE.

Order this product through the following link:

http://www.lookpolymers.com/polymer_UBE-B-Low-Cis-HIPS-n-DM-003-wt-.php

Physical Properties	Metric	English	Comments
Particle Size	1.8 µm	1.8 µm	Rubber Particle Size
Melt Flow	3.5 g/10 min	3.5 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 MPa	4350 psi	
Tensile Strength, Yield	31.0 MPa	4500 psi	
Elongation at Break	20 %	20 %	
Izod Impact, Notched	0.660 J/cm	1.24 ft-lb/in	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	101 °C	214 °F	

Optical Properties	Metric	English	Comments
Gloss	63 %	63 %	

Descriptive Properties	Value	Comments
MEK/Acetone Insolubles (wt.%)	24.7	
Swelling Index	10	

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