

UBE C (Low-Cis) HIPS (n-DM = 0.03 wt % and PH-3H = 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-C-Low-Cis-HIPS-n-DM-003-wt-and-PH-3H-003-wt-.php

Physical Properties	Metric	English	Comments
Particle Size	0.90 µm	0.90 µm	Rubber Particle Size
Melt Flow	2.8 g/10 min	2.8 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	33.0 MPa	4790 psi	
Tensile Strength, Yield	36.0 MPa	5220 psi	
Elongation at Break	6.0 %	6.0 %	
Izod Impact, Notched	0.510 J/cm	0.955 ft-lb/in	

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

Optical Properties	Metric	English	Comments
Gloss	83 %	83 %	

Descriptive Properties	Value	Comments
MEK/Acetone Insolubles (wt.%)	26.4	
Swelling Index	11.9	

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