Styrolution NOVODURÂ® P2HE ABS, Extrusion Grade

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Extruded

Material Notes:

Extrusion grade, high gloss.Applications: Extruded sheets requiring medium property levels, profiles, blow molding parts.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Styrolution-NOVODUR-P2HE-ABS-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/inÂ³	
Water Absorption	0.30 %	0.30 %	Saturation in water
Water Absorption at Saturation	0.30 %	0.30 %	
Melt Flow	7.0 g/10 min @Load 10.0 kg, Temperature 220 Â°C	7.0 g/10 min @Load 22.0 lb, Temperature 428 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	44.0 MPa	6380 psi	
Elongation at Yield	2.3 %	2.3 %	
Tensile Modulus	2.50 GPa	363 ksi	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	90.0 Âµm/m-Â°C @Temperature 20.0 Â°C	50.0 Âµin/in-Â°F @Temperature 68.0 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	98.0 Â°C	208 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	94.0 Â°C	201 Â°F	
Vicat Softening Point	101 Â°C	214 Â°F	
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	
Surface Resistance	1.00e+15 ohm	1.00e+15 ohm	

Electrical Properties	Metric	English	Comments
Dielectric Constant	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
	3.0 @Frequency 100 Hz	3.0 @Frequency 100 Hz	
Dielectric Strength	34.0 kV/mm	864 kV/in	
Dissipation Factor	0.0070 @Frequency 1e+6 Hz	0.0070 @Frequency 1e+6 Hz	
	0.0090 @Frequency 100 Hz	0.0090 @Frequency 100 Hz	
Comparative Tracking Index	600 V	600 V	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China