

Ineos ABS TRIAX® 1408 GF ABS/Nylon Blend, Injection Grade, Dry as Molded (discontinued **)

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS)/Nylon Blend , Nylon

Material Notes:

Injection molding grade, higher stiffness, good stress corrosion cracking resistance and chemical resistance (fuel, cleaning agents). Information provided by Bayer. LANXESS was spun-off from Bayer in early 2005. Business renamed Ineos ABS after INEOS acquires a majority shareholding under a JV with Lanxess in 2007. Subsequently Ineos acquired 100% of Ineos ABS.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-ABS-TRIAx-1408-GF-ABS-Nylon-Blend-Injection-Grade-Dry-as-Molded-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	
Moisture Absorption at Equilibrium	1.8 %	1.8 %	Equilibrium at 50% RH
Melt Flow	3.0 g/10 min @Load 5.00 kg, Temperature 260 °C	3.0 g/10 min @Load 11.0 lb, Temperature 500 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	59.0 MPa	8560 psi	
Elongation at Break	3.1 %	3.1 %	
Tensile Modulus	3.50 GPa	508 ksi	
Charpy Impact Unnotched	0.600 J/cm ² @Temperature -30.0 °C	2.86 ft-lb/in ² @Temperature -22.0 °F	
Charpy Impact, Notched	1.00 J/cm ²	4.76 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	54.0 µm/m-°C @Temperature 20.0 °C	30.0 µin/in-°F @Temperature 68.0 °F	
CTE, linear, Transverse to Flow	127 µm/m-°C @Temperature 20.0 °C	70.6 µin/in-°F @Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	121 °C	250 °F	
Deflection Temperature at 1.8 MPa (264 psi)	94.0 °C	201 °F	

Vicat Softening Point Thermal Properties	107 °C Metric	225 °F English	Comments
Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	
Surface Resistance	1.00e+14 ohm	1.00e+14 ohm	
Dielectric Constant	3.7	3.7	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dielectric Strength	4.4	4.4	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	31.0 kV/mm	787 kV/in	
Dissipation Factor	0.028	0.028	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Comparative Tracking Index	0.029	0.029	
	@Frequency 100 Hz	@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