

PolyOne Trilliant™ HC THC-01-AS149031 Trans Blue Acrylonitrile Butadiene Styrene (ABS)

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Trilliant-HC-THC-01-AS149031-Trans-Blue-Acrylonitrile-Butadiene-Styrene-ABS.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	37.9 MPa	5500 psi	ASTM D638
Elongation at Break	12 %	12 %	Type I, 5.1 mm/min; ASTM D638
Flexural Modulus	1.62 GPa	235 ksi	ASTM D790
Izod Impact, Notched	1.80 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	3.37 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	Injection Molded; ASTM D256A

Electrical Properties	Metric	English	Comments
Surface Resistance	<= 1.00e+12 ohm	<= 1.00e+12 ohm	ASTM D257

Descriptive Properties	Value	Comments
Features	Antistatic	
	Contact Clarity	
	Non-Sloughing	
Forms	Pellets	
Generic Material	ABS	
Generic Name	Acrylonitrile Butadiene Styrene (ABS)	
Processing Method	Injection Molding	
Regional Availability	North America	
RoHS Compliance	RoHS Compliant	
Uses	Computer Components	

Descriptive Properties	Value	Comments
	Connectors	
	Electrical Housing	
	Electrical/Electronic Applications	
	Housings	
	Medical/Healthcare Applications	

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