



Trilliant™ HC THC-01-AS149031 Trans Blue

Acrylonitrile Butadiene Styrene

Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• North America		
Features	• Antistatic	• Contact Clarity	• Non-Sloughing
Uses	• Computer Components • Connectors	• Electrical Housing • Electrical/Electronic Applications	• Housings • Medical/Healthcare Applications
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		
Processing Method	• Injection Molding		

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	1.10	1.10	ASTM D792
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength (Break)	5500 psi	37.9 MPa	ASTM D638
Tensile Elongation ² (Break)	12 %	12 %	ASTM D638
Flexural Modulus	235000 psi	1620 MPa	ASTM D790
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Notched Izod Impact 73°F (23°C), 0.125 in (3.18 mm), Injection Molded	3.4 ft-lb/in	180 J/m	ASTM D256A
Electrical	Typical Value (English)	Typical Value (SI)	Test Method
Surface Resistivity	< 1.0E+12 ohms	< 1.0E+12 ohms	ASTM D257

Notes

¹ Typical values are not to be construed as specifications.

² Type I, 0.20 in/min (5.1 mm/min)

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