Trilliant™ HC THC 1410 Natural

Polyamide 12

Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• North America		
Features	• High Stiffness	• Lubricated	• Wear Resistant
Uses	• Medical/Healthcare Applications		
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Injection Molding		

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.07	1.07	ASTM D792
Melt Mass-Flow Rate (MFR) (235°C/2.16 kg)	6.3 g/10 min	6.3 g/10 min	ASTM D1238
Mechanical	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Strength (Yield)	5900 psi	40.7 MPa	ASTM D638
Impact	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Notched Izod Impact			ASTM D256A
73°F (23°C), 0.125 in (3.18 mm), Injection Molded	6.4 ft·lb/in	340 J/m	

Notes

[1] Typical values are not to be construed as specifications.

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