



Trilliant™ HC HC5420-0002 LL Natural

PolyOne Corporation - Polyolefin

Tuesday, February 21, 2012

General Information

Product Description

The Trilliant® specialty compounds offer a complete system of specialty engineered materials, certified processes, services and technical support that enable healthcare OEM's to get to market ahead of the competition. When specified, Trilliant® compounds may incorporate agency rated materials that meet USP Class VI, FDA or ISO 10993 testing requirements.

General

Generic Name	• Polyolefin, Unspecified
Material Status	• Proprietary and/or Private
Availability	• North America
Features	• Biocompatible • Good Colorability • Specialty Grade
Uses	• Hospital Goods • Medical/Healthcare Applications
Agency Rating	• USP, Class VI
RoHS Compliance	• RoHS Compliant
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	1650	psi	ASTM D638
Tensile Strength (Break)	1150	psi	ASTM D638
Tensile Elongation ² (Break)	60	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	50		ASTM D2240

Additional Information

REACH Compliant

Notes

¹ Typical properties: these are not to be construed as specifications.

² Type I, 2.0 in/min