

# Trilliant™ HC HC5420-0002 LL Natural

Polyolefin  
PolyOne Corporation

Message:

Polypropylene and Polyethylene Based Trilliant™The product line is based on medical grade materials and USP grade VI components, suitable for a variety of applications and performance requirements. After the standard product is mixed with calcium carbonate, glass and talcum powder, all the properties are ideal, including rigidity, durability, impact resistance and heat resistance. Customized products have many uses, such as: ultraviolet stabilizer, heat stabilizer, color customization, impact resistance products, etc.

General Information			
Features	Good coloring		
	Biocompatibility		
	Special specifications		
Uses	Medical/nursing supplies		
	Medical equipment		
Agency Ratings	USP Class VI		
RoHS Compliance	RoHS compliance		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.928	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 100% Igepal)	20.0	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield <sup>1</sup>	11.4	MPa	ASTM D638
Fracture	7.93	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	60	%	ASTM D638
Additional Information			
REACH Compliant			
NOTE			
1.	Type 1, 51mm/min		
2.	Type 1, 51mm/min		

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#### Recommended distributors for this material

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