

# Trilliant™ HC HC3610-0001 HI Natural

Polycarbonate + PBT

PolyOne Corporation

## Message:

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 Information			
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	48.3	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	35	%	ASTM D638
Flexural Modulus	1930	MPa	ASTM D790
Flexural Strength	53.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	690	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Annealed, 3.18 mm)	> 80.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82	°C	
Drying Time	3.0	hr	
Mold Temperature	38 - 60	°C	
NOTE			
1.	Type 1, 51mm/min		
2.	Type 1, 51mm/min		

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Recommended distributors for this material

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