



# Trilliant™ HC HC5210-0053 RS Anthracite

## Polypropylene Homopolymer

### Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Bead		
Features	• Chemically Coupled	• Homopolymer	
Appearance	• Grey		
Forms	• Pellets		
Processing Method	• Injection Molding		

### Technical Properties <sup>1</sup>

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.12	1.12	ASTM D792
Mechanical	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength <sup>2</sup> (Yield)	4110 psi	28.3 MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	6.0 %	6.0 %	ASTM D638
Flexural Modulus	287000 psi	1980 MPa	ASTM D790
Flexural Strength	7200 psi	49.6 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	0.43 ft-lb/in	23 J/m	ASTM D256A
Thermal	Typical Value (English)	Typical Value (SI)	Test Method
Deflection Temperature Under Load 66 psi (0.45 MPa), Annealed, 0.125 in (3.18 mm)	235 °F	113 °C	ASTM D648

### Notes

<sup>1</sup> Typical values are not to be construed as specifications.

<sup>2</sup> Type I, 2.0 in/min (51 mm/min)