

**SABIC Innovative Plastics Cycolac® GHT3330 ABS (Asia Pacific)**

Category : Polymer , Thermoplastic , ABS Polymer

**Material Notes:**

High heat grade of ABS used for interior automotive components.This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-Cycolac-GHT3330-ABS-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-Cycolac-GHT3330-ABS-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D 792
Linear Mold Shrinkage, Flow	0.0050 - 0.0080 cm/cm @Thickness 3.20 mm	0.0050 - 0.0080 in/in @Thickness 0.126 in	SABIC Method
Melt Flow	2.0 g/10 min @Load 5.00 kg, Temperature 230 °C	2.0 g/10 min @Load 11.0 lb, Temperature 446 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	60.0 MPa	8700 psi	Type I, 50 mm/min; ASTM D 638
Elongation at Break	16 %	16 %	Type I, 50 mm/min; ASTM D 638
Flexural Yield Strength	90.0 MPa	13100 psi	1.3 mm/min, 50 mm span; ASTM D 790
Flexural Modulus	2.75 GPa	399 ksi	1.3 mm/min, 50 mm span; ASTM D 790
Izod Impact, Notched	1.12 J/cm @Temperature 23.0 °C	2.10 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	92.0 °C @Thickness 3.20 mm	198 °F @Thickness 0.126 in	unannealed; ASTM D 648
	103 °C @Thickness 6.40 mm	217 °F @Thickness 0.252 in	unannealed; ASTM D 648

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