

SABIC Innovative Plastics Xenoy® 6620 PBT+PC (Asia Pacific)

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/Polybutylene Terephthalate (PBT) Blend, Unreinforced , Polyester, TP , Polybutylene Terephthalate (PBT)

Material Notes:

Impact modified, highly chemical resistant polyester/polycarbonate alloy. 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-Xenoy-6620-PBTPC-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D 792
Linear Mold Shrinkage, Flow	0.014 - 0.020 cm/cm @Thickness 3.20 mm	0.014 - 0.020 in/in @Thickness 0.126 in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	43.0 MPa	6240 psi	Type I, 50 mm/min; ASTM D 638
Elongation at Break	175 %	175 %	Type I, 50 mm/min; ASTM D 638
Flexural Yield Strength	64.0 MPa	9280 psi	1.3 mm/min, 50 mm span; ASTM D 790
Flexural Modulus	1.72 GPa	249 ksi	1.3 mm/min, 50 mm span; ASTM D 790
Izod Impact, Notched	8.01 J/cm @Temperature 23.0 °C	15.0 ft-lb/in @Temperature 73.4 °F	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C @Thickness 6.40 mm	140 °F @Thickness 0.252 in	unannealed; ASTM D 648

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