

SABIC Innovative Plastics Xenoy® RCX201 PC+PET (Asia Pacific)

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-Xenoy-RCX201-PCPET-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.23 g/cc	1.23 g/cc	ASTM D792
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

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	52.0 MPa	7540 psi	SABIC - Japan Method
Elongation at Break	200 %	200 %	SABIC - Japan Method
Flexural Strength	82.0 MPa	11900 psi	ASTM D790
Flexural Modulus	2.15 GPa	312 ksi	ASTM D790
Izod Impact, Notched	3.92 J/cm	7.34 ft-lb/in	ASTM D256
	0.500 J/cm @Temperature -30.0 °C	0.937 ft-lb/in @Temperature -22.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	60.0 Åµm/m-Å°C @Temperature -30.0 - 30.0 Å°C	33.3 Åµin/in-Å°F @Temperature -22.0 - 86.0 Å°F	TMA
Deflection Temperature at 1.8 MPa (264 psi)	130 Å°C @Thickness 3.20 mm	266 Å°F @Thickness 0.126 in	unannealed; ASTM D648

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