

PolyOne Edgetek® XT EX3600-0002 UV Black Polycarbonate + PBT (PC+PBT)

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

Material Notes:

EDGE TEK™ XT High Performance Polymers are polycarbonate and polyester alloys that combine strength, durability and chemical resistance. The Edgetek XT product family includes a complete line of general purpose, UV stable and low -temperature impact grades for use in a wide range of demanding applications and severe operating environments plus customized formulations to meet specialized requirements. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Edgetek-XT-EX3600-0002-UV-Black-Polycarbonate-PBT-PCPBT.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.019 cm/cm	0.019 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	54.5 MPa	7900 psi	Type I, 5.1 mm/min; ASTM D638
Tensile Modulus	1.65 GPa	239 ksi	ASTM D638
Flexural Strength	80.9 MPa	11700 psi	13 mm/min; ASTM D790
Flexural Modulus	2.12 GPa	307 ksi	13 mm/min; ASTM D790
Izod Impact, Notched	5.70 J/cm	10.7 ft-lb/in	Injection Molded; ASTM D256A
	@Thickness 3.18 mm, Temperature -30.0 °C	@Thickness 0.125 in, Temperature -22.0 °F	
	7.40 J/cm	13.9 ft-lb/in	Injection Molded; ASTM D256A
	@Thickness 3.18 mm, Temperature 23.0 °C	@Thickness 0.125 in, Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	83.0 °C	181 °F	Unannealed; ASTM D648
	@Thickness 6.35 mm	@Thickness 0.250 in	

Descriptive Properties	Value	Comments
Features	Good Impact Resistance	
	Good UV Resistance	
	Good Weather Resistance	

Descriptive Properties	Value	Comments
Generic Material	PC+PBT	
Generic Name	Polycarbonate + PBT (PC+PBT)	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China