

PolyOne Edgetek® CY-20GF/000 UV FR V0 PC/ABS Blend, Glass Filled (discontinued **)

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Glass Fiber Filled , Polycarbonate (PC)

Material Notes:

Description/Features: Glass Fiber Reinforced Ignition Resistant Non-Halogenated PolyOne First Choice Information provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Edgetek-CY-20GF000-UV-FR-V0-PCABS-Blend-Glass-Filled-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 g/cc	1.29 g/cc	ASTM D792
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	64.8 MPa	9400 psi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Elongation at Break	0.60 %	0.60 %	Type 1 - Rigids, 0.2 in/min; ASTM D638
Tensile Modulus	13.02 GPa	1888 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	100 MPa	14500 psi	ASTM D790
Flexural Modulus	10.3 GPa	1500 ksi	ASTM D790
Izod Impact, Notched	0.278 J/cm @Thickness 6.35 mm, Temperature 23.0 °C	0.520 ft-lb/in @Thickness 0.250 in, Temperature 73.4 °F	Method A, Injection Molded; ASTM D256

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	All Colors; 0.125 in.

Processing Properties	Metric	English	Comments
Melt Temperature	232 - 260 °C	450 - 500 °F	Molding
Mold Temperature	82.2 - 93.3 °C	180 - 200 °F	
Drying Temperature	93.3 °C	200 °F	
Dry Time	4 hour	4 hour	

Descriptive Properties	Value	Comments
Product Form	Pellets	

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