

Custom Resins Vexel™ E20GF30 FR , 30% Glass Reinforced, Flame Retardant PET (discontinued **)

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), Glass Fiber Filled, Flame Retardant

Material Notes:

Description: Vexel™ E20GF30 FR is a 30% glass fiber reinforced, flame retardant PET. Information provided by Custom Resins.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Custom-Resins-Vexel-E20GF30-FR-30-Glass-Reinforced-Flame-Retardant-PET-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.68 g/cc	1.68 g/cc	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	131 MPa	19000 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Modulus	8.96 GPa	1300 ksi	ASTM D790
Izod Impact, Notched	0.641 J/cm	1.20 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	245 °C	473 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	216 °C	420 °F	ASTM D648

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