

## Custom Resins Vexel™ E20GF45 FR , 45% 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™ E20GF45 FR is a 45% 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-E20GF45-FR-45-Glass-Reinforced-Flame-Retardant-PET-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Custom-Resins-Vexel-E20GF45-FR-45-Glass-Reinforced-Flame-Retardant-PET-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.80 g/cc	1.80 g/cc	ASTM D792
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	165 MPa	24000 psi	ASTM D638
Elongation at Break	1.0 %	1.0 %	ASTM D638
Flexural Modulus	13.1 GPa	1900 ksi	ASTM D790
Izod Impact, Notched	0.587 J/cm	1.10 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

## Contact Songhan Plastic Technology Co.,Ltd.

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