

**Custom Resins Vexel™ E20GF15 , 15% Glass Reinforced PET (discontinued \*\*)**

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), 20% Glass Reinforced

**Material Notes:**

Description: Vexel™ E20GF15 is a 15% glass fiber reinforced, general purpose PET. Information provided by Custom Resins.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Custom-Resins-Vexel-E20GF15-15-Glass-Reinforced-PET-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Custom-Resins-Vexel-E20GF15-15-Glass-Reinforced-PET-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.44 g/cc	1.44 g/cc	ASTM D792
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	114 MPa	16500 psi	ASTM D638
Elongation at Break	4.0 %	4.0 %	ASTM D638
Flexural Modulus	4.96 GPa	720 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm	1.00 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)	204 °C	400 °F	ASTM D648

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