

Custom Resins Vexel™ E20MG35 , 35% Glass/Mica Reinforced PET (discontinued **)

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), Glass/Mineral Reinforced

Material Notes:

Description: Vexel™ E20MG35 is a 20% glass fiber / 15% mica reinforced PET. Information provided by Custom Resins.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Custom-Resins-Vexel-E20MG35-35-GlassMica-Reinforced-PET-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.61 g/cc	1.61 g/cc	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	100 MPa	14500 psi	ASTM D638
Elongation at Break	1.0 %	1.0 %	ASTM D638
Flexural Modulus	9.31 GPa	1350 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm	0.900 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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