

Teknor Apex Beetle® PET1610F Polyethylene Terephthalate, 50% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , Polyethylene Terephthalate (PET), 50% Glass Reinforced

Material Notes:

Notes: PET1610F is a 50% glass fiber reinforced grade of PET that offers good mechanical performance at elevated temperatures and excellent mold release. Processing Method: Injection Molding Forms: Pellets Injection Notes: Drying is necessary if material has been exposed to air for longer than 3 hours; Back Pressure: Low; Injection Pressure; High; Injection Rate: Fast Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Beetle-PET1610F-Polyethylene-Terephthalate-50-Glass-Fiber-Reinforced.php

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB @Thickness 1.57 mm	HB @Thickness 0.0618 in	

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	275 - 290 Å°C	527 - 554 Å°F	
Middle Barrel Temperature	275 - 290 Å°C	527 - 554 Å°F	
Front Barrel Temperature	275 - 290 Å°C	527 - 554 Å°F	
Melt Temperature	<= 290 Å°C	<= 554 Å°F	Processing Temperature
Mold Temperature	120 - 140 Å°C	248 - 284 Å°F	
Drying Temperature	140 Å°C	284 Å°F	
Dry Time	4 hour	4 hour	
Screw Speed	50 - 100 rpm	50 - 100 rpm	

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