

Teknor Apex Beetle® MD82 Nylon 6, Non-halogenated, Dry

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced, Flame Retardant

Material Notes:

Notes: MD82 is a UL recognized, V-0 rated halogen and phosphorus-free flame retarded, heat stabilized, unreinforced injection molding grade of nylon 6; U.L. 94 V-0 at 0.63mm. Colorable Features: Flame Retardant; Halogen free; Low (to no) Phosphorus Content; Good Colorability; Heat Stabilized Processing Method: Injection MoldingForms: Pellets Additive: Heat Stabilizer Injection Notes: No drying is necessary unless the material has been exposed to air for longer than 3 hours; Back Pressure: Low; Injection Pressure: High; Injection Rate: FastInformation Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Beetle-MD82-Nylon-6-Non-halogenated-Dry.php

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0 @Thickness 0.630 mm	V-0 @Thickness 0.0248 in	

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	240 - 260 Å°C	464 - 500 Å°F	
Middle Barrel Temperature	240 - 260 Å°C	464 - 500 Å°F	
Front Barrel Temperature	240 - 260 Å°C	464 - 500 Å°F	
Melt Temperature	<= 300 Å°C	<= 572 Å°F	Processing Temperature
Mold Temperature	60.0 - 80.0 Å°C	140 - 176 Å°F	
Drying Temperature	80.0 Å°C	176 Å°F	
Dry Time	2 hour	2 hour	
Screw Speed	50 - 200 rpm	50 - 200 rpm	

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