

Teknor Apex Beetle® A82 Nylon 66, Non-Halogenated

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced, Flame Retardant

Material Notes:

Notes: A82 is a UL recognized. V-0 rated halogen and phosphorus-free flame retarded, heat stabilized, unreinforced injection molding grade of nylon 66. Features: Flame Retardant; Heat Stabilized; Halogen Free; Low (to no) phosphorus content 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-A82-Nylon-66-Non-Halogenated.php

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	
	@Thickness 0.569 mm	@Thickness 0.0224 in	

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	270 - 290 Å°C	518 - 554 Å°F	
Middle Barrel Temperature	270 - 290 Å°C	518 - 554 Å°F	
Front Barrel Temperature	270 - 290 Å°C	518 - 554 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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