

Teknor Apex Beetle® MD21 Nylon 6, Extrusion Grade

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Extruded

Material Notes:

Notes: MD21 is a medium viscosity grade of nylon 6, designed for wire coating extrusion. MD21 is heavily pigment and is designed to provide good opacity even with thin coatings. It also features a lubrication system that is designed to ensure excellent adhesion between the wire and the coating - as well as optimal processing characteristics at high line speeds. MD21 is available in a range of colors - including heavy metal free options. Features: Tailored nylon 6 based compounds for coating steel wires; High opacity even in very thin coatings; Wide color range including heavy metal free options; Good Adhesion; Good Processability; Lubricated Processing Method: Extrusion Forms: Pellets Uses: Wire and Cable Applications; Wire Jacketing Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Beetle-MD21-Nylon-6-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Filler Content	0.00 - 25 %	0.00 - 25 %	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	ASTM D257
Dielectric Strength	13.0 kV/mm @Thickness 3.00 mm	330 kV/in @Thickness 0.118 in	ASTM D149

Processing Properties	Metric	English	Comments
Zone 1	250 - 300 Â°C	482 - 572 Â°F	
Zone 3	250 - 300 Â°C	482 - 572 Â°F	
Zone 5	250 - 300 Â°C	482 - 572 Â°F	
Melt Temperature	<= 300 Â°C	<= 572 Â°F	
Drying Temperature	80.0 - 100 Â°C	176 - 212 Â°F	
Dry Time	2 hour	2 hour	

Descriptive Properties	Value	Comments
Appearance	Colors available; Opaque	

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