

Teknor Apex APEX® 80118-Y Polyvinyl Chloride, Flexible

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Flexible Grade , PVC, Wire and Cable Grade

Material Notes:

Notes: 60°C Insulation; RoHS Compliant Features: Good UV Resistance Uses: Cable Jacketing; Insulation Agency Ratings: UL 1063; UL 1581; UL 62; UL 83 Forms: Pellets Wire Types: TW Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-80118-Y-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.39 g/cc	1.39 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	86	86	10 seconds; ASTM D2240
Tensile Strength at Break	17.6 MPa	2550 psi	ASTM D638
Elongation at Break	280 %	280 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	60.0 °C	140 °F	Continuous Use; ASTM D794
Brittleness Temperature	-28.0 °C	-18.4 °F	ASTM D746
Oxygen Index	23 %	23 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.46	3.46	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	5.39	5.39	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.079	0.079	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	0.089	0.089	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Descriptive Properties	Value	Comments
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Appearance

Descriptive Properties	Optique Value	Comments
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Contact Songhan Plastic Technology Co.,Ltd.

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