

Teknor Apex APEXÂ® 80128-Y Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 75Â°C Insulation; RoHS Compliant Features: Sunlight Resistant (720 hours) Uses: Cable Jacketing; Insulation Agency Ratings: UL QMTT2 . E73402; 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-80128-Y-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	15 seconds; ASTM D2240
Tensile Strength at Break	17.9 MPa	2590 psi	ASTM D638
Elongation at Break	310 %	310 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 Â°C	167 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-22.0 Â°C	-7.60 Â°F	ASTM D746
Oxygen Index	24 %	24 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.20e+13 ohm-cm	3.20e+13 ohm-cm	ASTM D257
Dielectric Constant	3.35	3.35	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	5.01	5.01	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.069	0.069	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	0.085	0.085	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Descriptive Properties	Value	Comments
Appearance	Opaque	

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