

Teknor Apex APEXÂ® 80328 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 80Â°C Jacket; RoHS Compliant Uses: Wire and Cable Applications Agency Ratings: UL QMTT2 .E73402 Forms: Pellets Wire Types:

TWInformation Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-80328-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.43 g/cc	1.43 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	85	85	10 seconds; ASTM D2240
Tensile Strength at Break	16.2 MPa	2350 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 Â°C	176 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-29.0 Â°C	-20.2 Â°F	ASTM D746
Oxygen Index	23 %	23 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.62	3.62	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	5.22	5.22	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.067	0.067	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
	0.14	0.14	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

Descriptive Properties	Value	Comments
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Appearance

Descriptive Properties	Optique Value	Comments
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