

Teknor Apex APEXÂ® 65015 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 75Â°C Jacket; RoHS Compliant Uses: Wire and Cable ApplicationsForms: PelletsInformation Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-65015-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.68 g/cc	1.68 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	78	78	10 seconds; ASTM D2240
Tensile Strength at Break	13.8 MPa	2000 psi	ASTM D638
Elongation at Break	230 %	230 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 Â°C	167 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-27.0 Â°C	-16.6 Â°F	ASTM D746
Oxygen Index	50 %	50 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.60e+9 ohm-cm @Temperature 50.0 Â°C	2.60e+9 ohm-cm @Temperature 122 Â°F	ASTM D257
Dielectric Constant	3.91 @Frequency 1.00e+6 Hz	3.91 @Frequency 1.00e+6 Hz	ASTM D150
	5.27 @Frequency 1000 Hz	5.27 @Frequency 1000 Hz	ASTM D150
Dissipation Factor	0.053 @Frequency 1.00e+6 Hz	0.053 @Frequency 1.00e+6 Hz	ASTM D150
	0.070 @Frequency 1000 Hz	0.070 @Frequency 1000 Hz	ASTM D150

Descriptive Properties	Value	Comments
Appearance	Opaque	

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