

Teknor Apex APEX[®] 65014 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 75[°]C Jacket; RoHS Compliant Uses: Wire and Cable Applications Forms: Pellets Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-65014-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.54 g/cc	1.54 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	74	74	10 seconds; ASTM D2240
Tensile Strength at Break	17.2 MPa	2500 psi	ASTM D638
Elongation at Break	290 %	290 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 [°] C	194 [°] F	Continuous Use; ASTM D794
Brittleness Temperature	-29.0 [°] C	-20.2 [°] F	ASTM D746
Oxygen Index	40 %	40 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.30e+11 ohm-cm @Temperature 50.0 [°] C	1.30e+11 ohm-cm @Temperature 122 [°] F	ASTM D257
Dielectric Constant	3.66 @Frequency 1.00e+6 Hz	3.66 @Frequency 1.00e+6 Hz	ASTM D150
	4.96 @Frequency 1000 Hz	4.96 @Frequency 1000 Hz	ASTM D150
Dissipation Factor	0.057 @Frequency 1.00e+6 Hz	0.057 @Frequency 1.00e+6 Hz	ASTM D150
	0.060 @Frequency 1000 Hz	0.060 @Frequency 1000 Hz	ASTM D150

Descriptive Properties	Value	Comments
Appearance	Opaque	

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