

Teknor Apex APEX[®] 65016 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-65016-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.55 g/cc	1.55 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	70	70	10 seconds; ASTM D2240
Tensile Strength at Break	16.8 MPa	2440 psi	ASTM D638
Elongation at Break	310 %	310 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 [°] C	167 [°] F	Continuous Use; ASTM D794
Brittleness Temperature	-20.0 [°] C	-4.00 [°] F	ASTM D746
Oxygen Index	42 %	42 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.90e+12 ohm-cm @Temperature 50.0 [°] C	2.90e+12 ohm-cm @Temperature 122 [°] F	ASTM D257
Dielectric Constant	3.38 @Frequency 1.00e+6 Hz	3.38 @Frequency 1.00e+6 Hz	ASTM D150
	4.6 @Frequency 1000 Hz	4.6 @Frequency 1000 Hz	ASTM D150
Dissipation Factor	0.047 @Frequency 1.00e+6 Hz	0.047 @Frequency 1.00e+6 Hz	ASTM D150
	0.069 @Frequency 1000 Hz	0.069 @Frequency 1000 Hz	ASTM D150

Descriptive Properties	Value	Comments
Appearance	Opaque	

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