

Teknor Apex APEX[®] 07-U0296A-65 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 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-07-U0296A-65-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	15 seconds; ASTM D2240
Tensile Strength at Break	13.1 MPa	1900 psi	ASTM D638
Elongation at Break	390 %	390 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 Å°C	221 Å°F	Continuous Use; ASTM D794
Brittleness Temperature	-45.0 Å°C	-49.0 Å°F	ASTM D746
Oxygen Index	27 %	27 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.10e+11 ohm-cm @Temperature 50.0 Å°C	3.10e+11 ohm-cm @Temperature 122 Å°F	ASTM D257
Dielectric Constant	3.75 @Frequency 1.00e+6 Hz	3.75 @Frequency 1.00e+6 Hz	ASTM D150
	6.27 @Frequency 1000 Hz	6.27 @Frequency 1000 Hz	ASTM D150
Dissipation Factor	0.077 @Frequency 1000 Hz	0.077 @Frequency 1000 Hz	ASTM D150
	0.12 @Frequency 1.00e+6 Hz	0.12 @Frequency 1.00e+6 Hz	ASTM D150

Descriptive Properties	Value	Comments
Appearance	Opaque	

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