

Teknor Apex APEXÂ® 65011 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-65011-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	72	72	10 seconds; ASTM D2240
Tensile Strength at Break	17.0 MPa	2460 psi	ASTM D638
Elongation at Break	290 %	290 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 Â°C	167 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-11.0 Â°C	12.2 Â°F	ASTM D746
Oxygen Index	40 %	40 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.56	3.56	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	4.96	4.96	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
	0.048	0.048	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	0.078	0.078	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Descriptive Properties	Value	Comments
Appearance	Opaque	

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