

Teknor Apex APEXÂ® 65007 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 90Â°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-65007-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 A	86	86	15 seconds; ASTM D2240
Tensile Strength at Break	14.1 MPa	2050 psi	ASTM D638
Elongation at Break	280 %	280 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 Â°C	194 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-27.0 Â°C	-16.6 Â°F	ASTM D746
Oxygen Index	39 %	39 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.65	3.65	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	5.21	5.21	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.068	0.068	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	0.11	0.11	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Descriptive Properties	Value	Comments
Appearance	Opaque	

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