

Teknor Apex Flexalloy® 9605-70FR Polyvinyl Chloride, Elastomer

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

Material Notes:

Notes: 105Â°C Jacket; RoHS Compliant Features: Flame Retardant; High Heat Resistance; Low Temperature Flexibility; Sunlight Resistant (720 hours) Uses Cable Jacketing Wire Types: SEOW; SEW; SJEOW; SJEW; STEOW; STEW; VW-1 Agency Ratings: UL Class 11; UL Class 12; UL Class 36; UL Class 43; UL QMTT2 .E73402 Forms: Pellets Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Flexalloy-9605-70FR-Polyvinyl-Chloride-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	15 seconds; ASTM D2240
Tensile Strength at Break	11.2 MPa	1630 psi	ASTM D638
Elongation at Break	380 %	380 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 Â°C	194 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-43.0 Â°C	-45.4 Â°F	ASTM D746
Oxygen Index	30 %	30 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	4.49	4.49	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	7.04	7.04	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.098	0.098	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.14	0.14	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

Descriptive Properties	Value	Comments
Appearance	Opaque	

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