

Teknor Apex APEXÂ® 65005 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 75Â°C Jacket; RoHS Compliant Features: Flame Retardant Uses: Communication Wire Jacketing Forms: Pellets Agency Ratings: NEC Article 725; NEC Article 760; NEC Article 770; NEC Article 800; UL 13; UL 1424; UL 444 Wire Types: CL2R; CL3R; CMR; FPLR; MPR; OFNR Processing Method: Extrusion Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-65005-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	74	74	10 seconds; ASTM D2240
	85	85	
Tensile Strength at Break	18.1 MPa	2620 psi	ASTM D638
Elongation at Break	280 %	280 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 Â°C	167 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-17.0 Â°C	1.40 Â°F	ASTM D746
Oxygen Index	38 %	38 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	4.30e+11 ohm-cm	4.30e+11 ohm-cm	ASTM D257
Dielectric Constant	3.59	3.59	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	4.9	4.9	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.053	0.053	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	0.077	0.077	

Electrical Properties	Metric	English	ASTM D150 Comments
	@ Frequency 1000 Hz	@ Frequency 1000 Hz	

Descriptive Properties	Value	Comments
Appearance	Opaque	

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