

Teknor Apex APEXÂ® 84859 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; Sunlight Resistant (720 hours) Uses: Cable Jacketing Forms: Pellets

Agency Ratings: UL QMTT2 .E73402; UL 62 Wire Types: SJTW; STWInformation Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-84859-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	69	69	10 seconds; ASTM D2240
Tensile Strength at Break	21.0 MPa	3050 psi	ASTM D638
Elongation at Break	320 %	320 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 Â°C	167 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-30.0 Â°C	-22.0 Â°F	ASTM D746
Oxygen Index	31 %	31 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.70e+11 ohm-cm	1.70e+11 ohm-cm	ASTM D257

Descriptive Properties	Value	Comments
Appearance	Opaque	

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