

Teknor Apex APEXÂ® 89-P180-B Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 80Â°C Jacket; RoHS Compliant Features: Flame Retardant; Low gloss; Low Temperature Flexibility Uses: Cable Jacketing Agency

Ratings: UL 62 Forms: Pellets Wire Types: SJT; ST; SVT Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-89-P180-B-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	73	73	10 seconds; ASTM D2240
Tensile Strength at Break	14.7 MPa	2130 psi	ASTM D638
Elongation at Break	310 %	310 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 Â°C	176 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-33.0 Â°C	-27.4 Â°F	ASTM D746
Oxygen Index	28 %	28 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.60e+11 ohm-cm	1.60e+11 ohm-cm	ASTM D257

Descriptive Properties	Value	Comments
Appearance	Opaque	

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