

Teknor Apex APEXÂ® 85-J644-H Polyvinyl Chloride, Flexible

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 gloss Uses: Communication Wire Jacketing; Patch Cord Jacketing Forms: Pellets Agency Ratings: NEC Article 725; NEC Article 770; NEC Article 820 Wire Types: MPR Processing Method: Extrusion Additional Information: Temperature Rating: 105Â°C; UL Sunlight Resistance Recognition: No Ultimate Elongation Retained, UL 1581, Oven Aged, 7days, 136Â°C: 100% Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 136Â°C: 100% Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-85-J644-H-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	74	74	15 seconds; ASTM D2240
Tensile Strength at Break	13.8 MPa	2000 psi	ASTM D638
Tensile Strength	6.65 MPa	965 psi	ASTM D638
Elongation at Break	320 %	320 %	ASTM D638
Tear Strength	104 kN/m	593 pli	Die B; ASTM D624

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 Â°C	221 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-34.0 Â°C	-29.2 Â°F	ASTM D746
Oxygen Index	28 %	28 %	ASTM D2863

Processing Properties	Metric	English	Comments
Melt Temperature	174 Â°C	345 Â°F	

Descriptive Properties	Value	Comments
Appearance	Opaque	

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