

Teknor Apex APEXÂ® 157-V 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: Low to no Migration; Oil Resistant; Good UV Resistance; Sunlight Resistant (720 hours)
 Uses: Flexible Cord Jacketing; Wire and Cable ApplicationsForms: Pellets Wire Types: SJTOW; STOW; SVTO Processing Method: Extrusion
 Agency Ratings: UL QMTT2 .E73402 Additional Information: Outdoor Temperature Rating: 105Â°C UL Sunlight Resistance Recognition: No
 Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 136Â°C: 67% Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 136Â°C:
 115% Ultimate Elongation Retained, UL 1581, ASTM #2 Oil, 7 days, 60Â°C: 87% Tensile Strength Retained, UL 1581, ASTM #2 Oil, 7 days,
 60Â°C: 104%Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-157-V-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 A	72	72	10 seconds; ASTM D2240
Tensile Strength at Break	15.2 MPa	2200 psi	ASTM D638
Elongation at Break	400 %	400 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 Â°C	221 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-35.0 Â°C	-31.0 Â°F	ASTM D746
Oxygen Index	22 %	22 %	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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