

Teknor Apex APEXÂ® 162 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 80Â°C Jacket; RoHS Compliant Uses: Armored Cable; Flexible JacketingForms: Pellets Agency Ratings: MIL C-915-C; MIL C-2194-D

Additional Information: Shipboard Cables, armored Temperature Rating: 80Â°C UL Sunlight Resistance Recognition: No Ultimate

Elongation Retained, UL 1581, Oven Aged, 7 days, 113Â°C: 78% Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 113Â°C:

100%Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-162-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82	82	15 seconds; ASTM D2240
Tensile Strength at Break	16.2 MPa	2350 psi	ASTM D638
Elongation at Break	360 %	360 %	ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-37.0 Â°C	-34.6 Â°F	ASTM D746
Oxygen Index	28 %	28 %	ASTM D2863

Processing Properties	Metric	English	Comments
Melt Temperature	179 Â°C	355 Â°F	

Descriptive Properties	Value	Comments
Appearance	Opaque	

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