

Teknor Apex APEX[®] 468 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 105[°]C Jacket; RoHS Compliant Features: Flame Retardant; Oil Resistant Uses: Armored Cable; Military Cable Jacketing Forms: Pellets Processing Method: Extrusion Agency Ratings: MIL C-2194-D; MIL C-915-C Additional Information: Temperature Rating: 105[°]C UL Sunlight Resistance Recognition: No Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 136[°]C: 95% Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 136[°]C: 98% Ultimate Elongation Retained, UL 1581, #2190 TEP Navy Oil, 18 hours, 121[°]C: 65% Tensile Strength Retained, UL 1581, #2190 TEP Navy Oil, 18 hours, 121[°]C: 93% Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-468-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 g/cc	1.34 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	15 seconds; ASTM D2240
Tensile Strength at Break	20.5 MPa	2980 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 [°] C	221 [°] F	Continuous Use; ASTM D794
Brittleness Temperature	-27.0 [°] C	-16.6 [°] F	ASTM D746
Oxygen Index	29 %	29 %	ASTM D2863

Processing Properties	Metric	English	Comments
Melt Temperature	182 [°] C	360 [°] F	

Descriptive Properties	Value	Comments
Appearance	Opaque	

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