

Teknor Apex APEXÂ® 130-P Polyvinyl Chloride, Flexible

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Flexible Grade

Material Notes:

Notes: 75Â°C Jacket; RoHS Compliant Features: Flame Retardant; Sunlight Resistant (720 hours) Uses: Flexible Cord Jacketing Forms: Pellets Wire Types: SJTW; STW; SVT; SRDT Agency Ratings: UL QM TT2 .E73402 Additional Information: UL Recognized Component as PVC 300 hour Sunlight Resistant Jacket Compound, QM TT2 UL Recognized Component as PVC 720 hour Sunlight Resistant Insulation and Jacket Compounds, QM TT2 Temperature Rating: 80Â°C; UL Sunlight Resistance Recognition: Yes Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 136Â°C: 89% Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 136Â°C: 103% Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-130-P-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792
Melt Flow	1.80 g/10 min	1.80 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	81	81	15 seconds; ASTM D2240
Tensile Strength at Break	15.0 MPa	2180 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	75.0 Â°C	167 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-29.0 Â°C	-20.2 Â°F	ASTM D746
Oxygen Index	26 %	26 %	ASTM D2863

Descriptive Properties	Value	Comments
Appearance	Opaque	

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