

Teknor Apex APEXÂ® 130 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 80Â°C Jacket; RoHS Compliant Features: Sunlight Resistant (720 hours); Good UV Resistance Uses: Appliance Wire Jacketing; Building Wire Jacketing; Flexible Cord Jacketing; Wire and Cable Applications Agency Ratings: UL QMTT2 . E73402 Forms: Pellets Wire Types: AWM; SJTW; SRDT; STW; SVT; UF; UL Style 2835 Processing Method: Extrusion Additional Information: UL Recognized Component as PVC 300 Hour Sunlight Resistant Jacket Compound, QMTT2 UL Recognized as PVC 720 Hour Sunlight Resistant Insulation and Jacket Compounds, QMTT2 1/32 in wall Temperature Rating: 80Â°C UL Recognized Insulation: No Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 113Â°C: 89% Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 113Â°C: 103% Information Provided by Teknor Apex

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 g/cc	1.37 g/cc	ASTM D792
Melt Flow	1.60 g/10 min @Load 2.16 kg, Temperature 230 Â°C	1.60 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	10 seconds; ASTM D2240
Tensile Strength at Break	15.9 MPa	2300 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 Â°C	176 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-30.0 Â°C	-22.0 Â°F	ASTM D746
Oxygen Index	22 %	22 %	ASTM D2863

Descriptive Properties	Value	Comments
Appearance	Opaque	

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