

Teknor Apex APEX[®] 586 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 60[°]C Insulation; RoHS Compliant Uses: Tubing; Wire JacketingForms: Pellets Wire Types: SPT-1; SPT-2 Agency Ratings: UL 498; UL 62 Processing Method: Injection Molding Additional Information: Speaker Wire Temperature Rating: 60[°]C Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 100[°]C: 77% Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 100[°]C: 108%Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-586-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	15 seconds; ASTM D2240
Tensile Strength at Break	19.0 MPa	2750 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	50.0 [°] C	122 [°] F	Continuous Use; ASTM D794
Brittleness Temperature	-29.0 [°] C	-20.2 [°] F	ASTM D746
Oxygen Index	24 %	24 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.00e+11 ohm-cm	3.00e+11 ohm-cm	ASTM D257

Descriptive Properties	Value	Comments
Appearance	Opaque	

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