

Teknor Apex APEX[®] 327 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: Flexible Cord Insulation; Flexible Cord Jacketing Forms: Pellets Wire Types: SJT; SPT-1; SPT-2; SPT-3; SRDT; ST; SVT Agency Ratings: UL 1581; UL 62 Processing Method: Extrusion Additional Information: 1/32 in Wall
 Temperature Rating: 80[°]C UL Sunlight Resistance Recognition: No Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-327-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.43 g/cc	1.43 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	15 seconds; ASTM D2240
Tensile Strength at Break	15.4 MPa	2240 psi	ASTM D638
Elongation at Break	300 %	300 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 [°] C	176 [°] 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	5.00e+11 ohm-cm	5.00e+11 ohm-cm	ASTM D257

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

Descriptive Properties	Value	Comments
Appearance	Opaque	

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