

Teknor Apex APEXÂ® 80853-B Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 105Â°C Insulation; RoHS Compliant Features: Flame Retardant; Oil Resistant Uses: Insulation; Wire and Cable Applications Agency

Ratings: UL 1063; UL 1581; UL 62; UL 83 Forms: Pellets Wire Types: THHN; THW; TW; TFFN; THWN Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-80853-B-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	75	75	10 seconds; ASTM D2240
Tensile Strength at Break	21.4 MPa	3100 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 Â°C	221 Â°F	Continuous Use; ASTM D794
Brittleness Temperature	-21.0 Â°C	-5.80 Â°F	ASTM D746
Oxygen Index	27 %	27 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	8.80e+13 ohm-cm	8.80e+13 ohm-cm	ASTM D257

Descriptive Properties	Value	Comments
Appearance	Opaque	

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