

Teknor Apex APEX[®] 80-C118-R Polyvinyl Chloride, Flexible

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

Material Notes:Notes: 105[°]C Insulation; RoHS Compliant Uses: Wire and Cable Applications Forms: Pellets Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-80-C118-R-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 g/cc	1.34 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79	79	15 seconds; ASTM D2240
Tensile Strength at Break	14.8 MPa	2150 psi	ASTM D638
Elongation at Break	390 %	390 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 [°] C	221 [°] F	Continuous Use; ASTM D794
Brittleness Temperature	-36.0 [°] C	-32.8 [°] F	ASTM D746
Oxygen Index	25 %	25 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.80e+10 ohm-cm @Temperature 50.0 [°] C	2.80e+10 ohm-cm @Temperature 122 [°] F	ASTM D257

Descriptive Properties	Value	Comments
Appearance	Opaque	

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