

Teknor Apex APEX[®] 155 Polyvinyl Chloride, Flexible

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

Material Notes:

Notes: 80[°]C Jacket; RoHS Compliant Features: Sunlight Resistant (720 hours); Good UV Resistance Uses: Building Wire Jacketing; Wire and Cable Applications Agency Ratings: UL QMTT2 .E73402 Forms: Pellets Wire Types: NMB; SEC Processing Method: Extrusion Additional Information: Sunlight resistant only available in gray or black Temperature Rating: 80[°]C UL Recognized Insulation: No Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-155-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	10 seconds; ASTM D2240
Tensile Strength at Break	14.1 MPa	2050 psi	ASTM D638
Tensile Strength	8.48 MPa	1230 psi	ASTM D638
Elongation at Break	390 %	390 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 [°] C	176 [°] F	Continuous Use; ASTM D794
Brittleness Temperature	-31.0 [°] C	-23.8 [°] F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	179 [°] C	355 [°] F	

Descriptive Properties	Value	Comments
Appearance	Opaque	

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