

Teknor Apex APEXÂ® 84458 Polyvinyl Chloride, Flexible

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Flexible Grade

Material Notes:

Notes: 105Â°C Insulation; RoHS Compliant Features: Flame Retardant Uses: Insulation Agency Ratings: UL 1063; UL 1581; UL 62 Forms:

Pellets Wire Types: AWM Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-84458-Polyvinyl-Chloride-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.39 g/cc	1.39 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	90	90	10 seconds; ASTM D2240
Tensile Strength at Break	19.3 MPa	2800 psi	ASTM D638
Elongation at Break	330 %	330 %	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

Descriptive Properties	Value	Comments
Appearance	Opaque	

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