

## Teknor Apex APEX® 84132 Polyvinyl Chloride, Flexible

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

**Material Notes:**

Notes: 80°C Insulation and Jacketing; 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-84132-Polyvinyl-Chloride-Flexible.php](http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-84132-Polyvinyl-Chloride-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.36 g/cc	1.36 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83	83	15 seconds; ASTM D2240
Tensile Strength at Break	17.4 MPa	2530 psi	ASTM D638
Elongation at Break	360 %	360 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 °C	176 °F	Continuous Use; ASTM D794
Brittleness Temperature	-30.0 °C	-22.0 °F	ASTM D746
Oxygen Index	29 %	29 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.20e+13 ohm-cm @Temperature 50.0 °C	1.20e+13 ohm-cm @Temperature 122 °F	ASTM D257

Descriptive Properties	Value	Comments
Appearance	Opaque	

## Contact Songhan Plastic Technology Co.,Ltd.

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