

## Teknor Apex APEX<sup>®</sup> 84128 Polyvinyl Chloride, Flexible

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

### Material Notes:

Notes: 80<sup>°</sup>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-84128-Polyvinyl-Chloride-Flexible.php](http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-84128-Polyvinyl-Chloride-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	89	89	10 seconds; ASTM D2240
Tensile Strength at Break	17.6 MPa	2550 psi	ASTM D638
Elongation at Break	300 %	300 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 <sup>°</sup> C	176 <sup>°</sup> F	Continuous Use; ASTM D794
Brittleness Temperature	-21.0 <sup>°</sup> C	-5.80 <sup>°</sup> F	ASTM D746

Electrical Properties	Metric	English	Comments
Volume Resistivity	5.80e+13 ohm-cm	5.80e+13 ohm-cm	ASTM D257
Dielectric Constant	3.23	3.23	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	4.58	4.58	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.078	0.078	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.082	0.082	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

Descriptive Properties	Value	Comments
Appearance	Opaque	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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