

## Teknor Apex APEX<sup>®</sup> 80851-F Polyvinyl Chloride, Flexible

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

**Material Notes:**Notes: 105<sup>°</sup>C Insulation; RoHS Compliant Forms: Pellets Uses Wire and Cable Applications Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-APEX-80851-F-Polyvinyl-Chloride-Flexible.php](http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-80851-F-Polyvinyl-Chloride-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	71	71	10 seconds; ASTM D2240
Tensile Strength at Break	22.1 MPa	3200 psi	ASTM D638
Elongation at Break	320 %	320 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 <sup>°</sup> C	221 <sup>°</sup> F	Continuous Use; ASTM D794
Brittleness Temperature	-24.0 <sup>°</sup> C	-11.2 <sup>°</sup> F	ASTM D746
Oxygen Index	28 %	28 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.70e+14 ohm-cm @Temperature 50.0 <sup>°</sup> C	1.70e+14 ohm-cm @Temperature 122 <sup>°</sup> F	ASTM D257

Descriptive Properties	Value	Comments
Appearance	Opaque	

## Contact Songhan Plastic Technology Co.,Ltd.

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