

## Teknor Apex APEX<sup>®</sup> 60001 Polyvinyl Chloride, Flexible

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

### Material Notes:

Notes: 75<sup>°</sup>C Insulation; RoHS Compliant Features: Flame Retardant Uses: Communication Wire Insulation Agency Ratings: NEC Article 725; NEC Article 760; NEC Article 770; NEC Article 800; UL 13; UL 1424 UL 444 Forms: Pellets Wire Types: CL2R; CL3R; CMR; FPLR; MPR; OFNR Processing Method: Extrusion Additional Information: Subject 13; Subject 1424; Subject 444; Non-lead CM, CMR insulation; Temperature Rating: 60<sup>°</sup>C Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-APEX-60001-Polyvinyl-Chloride-Flexible.php](http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-60001-Polyvinyl-Chloride-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore C	88	88	10 seconds; ASTM D2240
Tensile Strength at Break	24.1 MPa	3500 psi	ASTM D638
Elongation at Break	280 %	280 %	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	-12.0 <sup>°</sup> C	10.4 <sup>°</sup> F	ASTM D746
Oxygen Index	31 %	31 %	ASTM D2863

Descriptive Properties	Value	Comments
Appearance	Opaque	

## Contact Songhan Plastic Technology Co.,Ltd.

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