

## Teknor Apex APEX<sup>®</sup> 124 Polyvinyl Chloride, Flexible

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

### Material Notes:

Notes: 80<sup>°</sup>C Jacket; RoHS Compliant Features: Good UV Resistance; Sunlight Resistant (720 hours) Uses: Flexible Cord Jacketing; Irrigation Cable Jacketing; Military Cable Jacketing; Wire and Cable Applications Forms: Pellets Wire Types: SJTW; SRDT; STW Agency Ratings: MIL C-17-D Type 1; MIL C-2194-D; UL QMTT2 .E73402 Additional Information: UL Recognized Component as PVC 300 Hour Sunlight Resistant Jacket Compound, QMTT2 UL Recognized Component as PVC 720 Hour Sunlight Resistant Jacket Compound, QMTT2 UL Recognized Component as Irrigation Cable Jacket Compound, QMTT2 Temperature Rating: 80<sup>°</sup>C UL Sunlight Resistance Recognition: 720 hours Ultimate Elongation Retained, UL 1581, ASTM #2 Oil, 4hr, 70<sup>°</sup>C: 80% Tensile Strength Retained, UL 1581, ASTM #2 Oil, 4 hr, 70<sup>°</sup>C: 94% Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-APEX-124-Polyvinyl-Chloride-Flexible.php](http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-124-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 A	80	80	10 seconds; ASTM D2240
Tensile Strength at Break	15.9 MPa	2300 psi	ASTM D638
Elongation at Break	330 %	330 %	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	-38.0 <sup>°</sup> C	-36.4 <sup>°</sup> F	ASTM D746
Oxygen Index	23 %	23 %	ASTM D2863

Processing Properties	Metric	English	Comments
Melt Temperature	179 <sup>°</sup> C	355 <sup>°</sup> F	

Descriptive Properties	Value	Comments
Appearance	Opaque	

## Contact Songhan Plastic Technology Co.,Ltd.

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