

## Teknor Apex APEX<sup>®</sup> 4124 Polyvinyl Chloride, Flexible

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

**Material Notes:**

Notes: 75<sup>°</sup>C Jacket; RoHS Compliant Features: Good UV Resistance; Sunlight Resistant (720 hours) Uses: Appliance Wire Jacketing; Irrigation Cable Jacketing Forms: Pellets Wire Types: UL Style 2464; UL Style 2560; UL Style 2723 Processing Method: Extrusion Agency Ratings: UL QMTT2 .E73402 Additional Information: Temperature Rating: 80<sup>°</sup>C Ultimate Elongation Retained, UL 1581, Oven Aged, 7 days, 113<sup>°</sup>C: 87% Tensile Strength Retained, UL 1581, Oven Aged, 7 days, 113<sup>°</sup>C: 102% Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-APEX-4124-Polyvinyl-Chloride-Flexible.php](http://www.lookpolymers.com/polymer_Teknor-Apex-APEX-4124-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 A	80	80	15 seconds; ASTM D2240
Tensile Strength at Break	16.5 MPa	2400 psi	ASTM D638
Elongation at Break	350 %	350 %	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	25 %	25 %	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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