

## Teknor Apex Flexalloy® 9604-75 Polyvinyl Chloride, Elastomer

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

### Material Notes:

Notes: 105°C Jacket; RoHS Compliant Features: Flame Retardant; High Heat Resistance; Low Temperature Flexibility; Sunlight Resistant (720 hours) Uses Cable Jacketing Wire Types: SEOW; SEW; SJEOW; SJEW; STEOW; STEW Agency Ratings: UL Class 11; UL Class 12; UL Class 36; UL Class 43; UL QMTT2 .E73402 Forms: Pellets Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Flexalloy-9604-75-Polyvinyl-Chloride-Elastomer.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Flexalloy-9604-75-Polyvinyl-Chloride-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	ASTM D792
Melt Flow	7.80 g/10 min	7.80 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	15 seconds; ASTM D2240
Tensile Strength at Break	16.8 MPa	2440 psi	ASTM D638
Elongation at Break	380 %	380 %	ASTM D638

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 °C	221 °F	Continuous Use; ASTM D794
Brittleness Temperature	-47.0 °C	-52.6 °F	ASTM D746
Oxygen Index	25 %	25 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.75	3.75	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	5.56	5.56	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.098	0.098	ASTM D150
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	0.14	0.14	

Electrical Properties	Metric	English	ASTM D150 Comments
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Descriptive Properties	Value	Comments
Appearance	Opaque	

## Contact Songhan Plastic Technology Co.,Ltd.

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