

## Teknor Apex Flexalloy® 9800-50 Polyvinyl Chloride Elastomer

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

### Material Notes:

Material Status-Commercial: ActiveAvailability-North AmericaTest Standards Available-ASTM Features: Oil Resistant, Ultra High MW

Uses- Footwear, Tubing, Gaskets, Tools (Power/Others), Hose, Wire and Cable Applications, SealsForms-PelletsProcessing- Injection

MoldingInformation provided by Teknor Apex Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Flexalloy-9800-50-Polyvinyl-Chloride-Elastomer.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Flexalloy-9800-50-Polyvinyl-Chloride-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.11 g/cc	1.11 g/cc	23Å°C; ASTM D792
Melt Flow	24 g/10 min	24 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 177 Å°C	@Load 11.0 lb, Temperature 351 Å°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	15 seconds; ASTM D2240
Tensile Strength, Yield	5.93 MPa	860 psi	ASTM D412
	9.487 MPa	1376 psi	160% Retention; Oil Immersion, ASTM #3 oil, 125Å°C, 7 days
Elongation at Break	273.9 %	273.9 %	83% Retention; Oil Immersion, ASTM #3 oil, 125Å°C, 7 Days
	330 %	330 %	ASTM D412
Compression Set	38 %	38 %	158Å°F, 22 hr.; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	205 Å°C	401 Å°F	>60 min.
Brittleness Temperature	-51.0 Å°C	-59.8 Å°F	ASTM D746

Descriptive Properties	Value	Comments
Swell	-2.2%; Oil Immersion, ASTM #3 oil, 125Å°C, 7 days	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215, Fengxian District, Shanghai City, China**