

## Teknor Apex Flexalloy® 9800-40 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 MWUses- Footwear, Tubing, Gaskets, Tools (Power/Others), Hose, Wire and Cable Applications, SealsForms-PelletsProcessing- ExtrusionInformation provided by Teknor Apex Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Flexalloy-9800-40-Polyvinyl-Chloride-Elastomer.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Flexalloy-9800-40-Polyvinyl-Chloride-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	23Å°C; ASTM D792
Melt Flow	7.0 g/10 min	7.0 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	40	40	15 seconds; ASTM D2240
Tensile Strength, Yield	4.59 MPa	665 psi	ASTM D412
	9.17 MPa	1330 psi	200% Retention; Oil Immersion, ASTM #3 oil, 125Å°C, 7 days
Elongation at Break	310.4 %	310.4 %	97% Retention; Oil Immersion, ASTM #3 oil, 125Å°C, 7 Days
	320 %	320 %	ASTM D412
Compression Set	34 %	34 %	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	-54.0 Å°C	-65.2 Å°F	ASTM D746

Descriptive Properties	Value	Comments
Swell	3%; 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**