😰 TEKNOR APEX

Flexalloy<sup>®</sup> OR 9900-40

Teknor Apex Company - Polyvinyl Chloride Elastomer

Friday, June 30, 2017

## **General Information**

Material Status	Commercial: Active		
Availability	<ul><li> Africa &amp; Middle East</li><li> Asia Pacific</li></ul>	<ul><li> Europe</li><li> Latin America</li></ul>	North America
Features	Oil Resistant	Ultra High Molecular Weight	
Uses	<ul><li>Footwear</li><li>Gaskets</li><li>Hose</li></ul>	<ul><li>Power/Other Tools</li><li>Seals</li><li>Tool/Tote Box</li></ul>	<ul><li>Tubing</li><li>Wire &amp; Cable Applications</li></ul>
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Extrusion		

ASTM & ISO Properties <sup>1</sup>				
Nominal Value	Unit	Test Method		
1.09		ASTM D792		
Nominal Value	Unit	Test Method		
1010	psi	ASTM D638		
300	%	ASTM D638		
Nominal Value	Unit	Test Method		
32	%	ASTM D395		
Nominal Value	Unit	Test Method		
40		ASTM D2240		
Nominal Value	Unit	Test Method		
194	°F	ASTM D794		
-65.2	°F	ASTM D746		
	Nominal Value 1.09 Nominal Value 1010 300 Nominal Value 32 Nominal Value 40 Nominal Value 194	Nominal ValueUnit1.091.09Nominal ValueUnit1010psi300%Nominal ValueUnit32%Nominal ValueUnit		

Swell, Oil Immersion, ASTM #3 oil, 125°C, 7 days: -2.5%

Dynamic Heat Stability, 205°C: >60 min

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

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