TEKNOR APEX

FLEXALLOY® OR 9900-60

Teknor Apex Company - Polyvinyl Chloride Elastomer

Sunday, August 25, 2019

General Information

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

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.13		ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	1650	psi	ASTM D638
Tensile Elongation (Break)	240	%	ASTM D638
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Compression Set (158°F, 22 hr)	35	%	ASTM D395
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 15 sec)	60		ASTM D2240
Thermal	**Nominal Value**	**Unit**	**Test Method**
Continuous Use Temperature	176	°F	ASTM D794
Brittleness Temperature	-41.8	°F	ASTM D746

Additional Information

Swell, Oil Immersion, ASTM #3 oil, 125°C, 7 days: -1.0%
Dynamic Heat Stability, 205°C: 48 min

Notes

[1] Typical properties: these are not to be construed as specifications.

Revision Date: 12/12/2013