

Flexalloy® OR 9900-40

Teknor Apex Company - Polyvinyl Chloride Elastomer

Friday, June 30, 2017

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
Specific Gravity	1.09		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	1010	psi	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Compression Set (158°F, 22 hr)	32	%	ASTM D395
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	40		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	194	°F	ASTM D794
Brittleness Temperature	-65.2	°F	ASTM D746

Additional Information

Swell, Oil Immersion, ASTM #3 oil, 125°C, 7 days: -2.5%
Dynamic Heat Stability, 205°C: >60 min

Notes

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

Teknor Apex Company Corporate Headquarters

*In U.S. for Vinyls, TPEs, Colorants,
Engineered Thermoplastics (Chem Polymer)*

505 Central Avenue
Pawtucket, Rhode Island 02861 U.S.

Phone: 401-725-8000
Fax: 401-725-8095
Toll Free (U.S. only) 800-556-3864

info@teknorapex.com

Teknor Apex U.K. Ltd.

Tat Bank Road
Oldbury, West Midlands B69 4NH England

Phone: (44) 121-665-2100
Fax: (44) 121-544-5530

etpsales@teknorapex.co.uk

上海松翰塑化科技有限公司
 TEKNOR APEX 特诺尔爱佩斯 一级分销商
 teknorapex.shshsj.com 联系电话: 021-58958519

Revision Date: 12/12/2013