

FLEXALLOY® 9616-94

Teknor Apex Company - Semi-Rigid Polyvinyl Chloride

Friday, August 30, 2019

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• UV Resistant		
Uses	• Wire & Cable Applications		
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.46		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2800	psi	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
Flexural Modulus	8700	psi	ASTM D790
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 10 sec)	73		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	167	°F	ASTM D794
Brittleness Temperature	-45.4	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	3.6E+9	ohms·cm	ASTM D257
Dielectric Constant			ASTM D150
1 kHz	4.81		
1 MHz	5.48		
Dissipation Factor			ASTM D150
1 kHz	0.13		
1 MHz	0.043		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	38	%	ASTM D2863

Additional Information

Data Sheet Applies to Color(s) Listed Below:
 Natural (1100916)

Notes

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

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