



FLEXALLOY® 9618-82

Teknor Apex Company - Flexible Polyvinyl Chloride

General Information

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.34		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2490	psi	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Brittleness Temperature	-76.0	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	34	%	ASTM D2863

Additional Information

Oil Rating: 4 Days @100C (UL-1277)

Data Sheet Applies to Color(s) Listed Below:

Black 1 (1135380)

Natural (1070810)

Yellow 812 (1136381)

Notes

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