

APEX® 84838

Teknor Apex Company - Flexible Polyvinyl Chloride

Friday, June 30, 2017

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2000	psi	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Brittleness Temperature	-22.0	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	6.4E+13	ohms·cm	ASTM D257
Dielectric Constant			ASTM D2520
1 kHz	5.57		
1 MHz	3.30		
Dissipation Factor			ASTM D2520
1 kHz	0.087		
1 MHz	0.10		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863

Notes

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

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Revision Date: 12/12/2013