

APEX® 80328-YP FR

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
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.43		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2150	psi	ASTM D638
Tensile Elongation (Break)	380	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec, Hand Held)	89		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	167	°F	ASTM D794
Brittleness Temperature	-16.6	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant			ASTM D150
1 kHz	5.62		
1 MHz	3.60		
Dissipation Factor			ASTM D150
1 kHz	0.071		
1 MHz	0.093		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863

Additional Information

Data Sheet Applies to Color(s) Listed Below:

FR Natural (1108133)

Natural (1108136)

Notes

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

Revision Date: 8/9/2019

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