

APEX® 1019

Teknor Apex Company - Flexible Polyvinyl Chloride

Monday, August 26, 2019

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Uses	• Connectors • Grommets	• Plugs • Strain Reliefs	
Wire Types	• Molded Components		
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.39		ASTM D792
Molding Shrinkage - Flow	0.010 to 0.012	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2400	psi	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	140	°F	ASTM D794
Brittleness Temperature	-27.4	°F	ASTM D746
RTI Elec	176	°F	UL 746
RTI Str	176	°F	UL 746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	22	%	ASTM D2863

Notes

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

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