

APEX® 1019

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 1019 is a Flexible Polyvinyl Chloride material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for extrusion. Primary attribute of APEX® 1019: RoHS Compliant.

Typical applications include:

- Engineering/Industrial Parts
- Wire & Cable
- Electrical/Electronic Applications

General Information			
Uses	Connectors		
	Grommets		
	Plugs		
	Strain Reliefs		
Wire Types	Molded Components		
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.0 to 1.2	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	16.5	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	60.0	°C	ASTM D794
Brittleness Temperature	-33.0	°C	ASTM D746
RTI Elec	80.0	°C	UL 746
RTI Str	80.0	°C	UL 746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	22	%	ASTM D2863

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Recommended distributors for this material

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