

APEX® 80102

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 80102 is a Flexible Polyvinyl Chloride material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary attribute of APEX® 80102: RoHS Compliant.
Typical application of APEX® 80102: Wire & Cable

General Information			
Uses	Insulation		
Wire Types	TW		
Agency Ratings	UL 1063		
	UL 1581		
	UL 62		
	UL 83		
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 10 sec)	77		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	23.8	MPa	ASTM D638
Tensile Elongation (Break)	270	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	75.0	°C	ASTM D794
Brittleness Temperature	-14.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant			ASTM D150
1 kHz	4.03		
1 MHz	3.04		
Dissipation Factor			ASTM D150
1 kHz	0.077		
1 MHz	0.043		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

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