

APEX® 84131

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 84131 is a Flexible Polyvinyl Chloride material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Important attributes of APEX® 84131 are:

RoHS Compliant

Flame Retardant

Heat Resistant

Sunlight Resistant

Typical application of APEX® 84131: Wire & Cable

General Information			
Features	Flame Retardant		
	High Heat Resistance		
	Sunlight Resistant (720 hours)		
Uses	Transportation Wire Jacketing		
Wire Types	SAE		
	SJTW		
	SPT-1		
	SPT-2		
	SPT-3		
	SRDT		
	STW		
	SVT		
Agency Ratings	UL 62		
	UL QMTT2 .E73402		
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	15.5	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794

Brittleness Temperature	-29.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	2.5E+13	ohms·cm	ASTM D257
Dielectric Constant			ASTM D150
1 kHz	5.34		
1 MHz	3.46		
Dissipation Factor			ASTM D150
1 kHz	0.064		
1 MHz	0.094		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863

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Recommended distributors for this material

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