

APEX® 80842

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX® 80842 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® 80842 are:

RoHS Compliant

Heat Resistant

Sunlight Resistant

Typical applications include:

Wire & Cable

Outdoor Applications

General Information			
Features	High Heat Resistance		
	Sunlight Resistant (720 hours)		
Uses	Outdoor Applications		
	Wire & Cable Applications		
	Wire Jacketing		
Agency Ratings	UL QMTT2 .E73402		
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	16.5	MPa	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-39.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.2E+14	ohms · cm	ASTM D257
Dielectric Constant	ASTM D150		
	1 kHz	5.15	
	1 MHz	3.09	
Dissipation Factor	ASTM D150		
	1 kHz	0.094	

1 MHz	0.079		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

