

APEX® 80853-C Nat 14

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

APEX®80853-C Nat 14 is a flexible polyvinyl chloride material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.
APEX®The typical application areas of 80853-C Nat 14 are: wire and cable

General Information			
Wire Types	THHN		
	THHW		
	THW		
	THW-2		
	THWN		
	THWN-2		
	TW		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C)	73		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	21.4	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-19.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	3.4E+15	ohms · cm	ASTM D257
Dielectric Strength	35	kV/mm	ASTM D149
Dielectric Constant			ASTM D150
1 kHz	4.36		ASTM D150
1 MHz	2.99		ASTM D150
Dissipation Factor			ASTM D150
1 kHz	0.095		ASTM D150
1 MHz	0.058		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863
Additional Information			

Volume Resistivity, ASTM D257, 23°C: 2.7×10^{15} ohm-cm Volume Resistivity, ASTM D257, 50°C: 0.339×10^{15} ohm-cm Oil Rating: 4 days @ 100 COil Rating: 60 days @ 75 C 720 Hour Sunlight Resistant

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Recommended distributors for this material

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