

APEX® 80853-F

Teknor Apex Company - Flexible Polyvinyl Chloride

Wednesday, August 28, 2019

General Information

Product Description

105°C, Non-Lead Stabilized, Insulation

UL Recognized Component Under QMTT2, File # 73402, PVC Insulation Intended for Use in 90°C Wet Locations

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Flame Retardant	• Oil Resistant	
Uses	• Insulation	• Wet Rated Insulation	• Wire & Cable Applications
Wire Types	• THHN • THHW • THW	• THW-2 • THWN • THWN-2	• TW
Agency Ratings	• UL I Oil Rating	• UL QMTT2	
RoHS Compliance	• RoHS Compliant		
Appearance	• Opaque		
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2800	psi	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore C	84		
Shore C, 10 sec	72		
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	221	°F	ASTM D794
Brittleness Temperature	-2.20	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

Additional Information

Data Sheet Applies to Color(s) Listed Below:

Natural (0115852)

Natural 14 (0131203)

Notes

¹ Typical properties: these are not to be construed as specifications.

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