

APEX® 80853-F

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

105°C, Non-Lead Stabilized, Insulation
UL Recognized Component Under QMTT2, File # 73402, PVC Insulation Intended for Use in 90°C Wet Locations

General Information			
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 .E73402		
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore C	84		
Shore C, 10 sec	72		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	19.3	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
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

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