

Axiall PVC 18840

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Non-lead stabilized 105C jacket compound for use in SPTO, SJTO and SVTO applications. Best suited for 30 mil walls and larger.

General Information			
Uses	Cable Jacketing		
Wire Types	SJTO		
	SPTO		
	SVTO		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	84		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	16.5	MPa	
100% Strain	9.48	MPa	
Tensile Elongation (Break)	340	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation			UL 1581
60°C, 762.0 µm ¹	82	%	
Air Aging, 7 days : 136°C, 762.0 µm	82	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	185	°C	
NOTE			

1. Oil Aging, 7 days, IRM 902 Oil

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