

Axial PVC 59770

Flexible Polyvinyl Chloride

Axial Corporation

Message:

Non-lead stabilized,105C rated vinyl elastomer compound suitable for SJEOW insulation and jacket applications per UL 62. Recognized by UL for 720 hour sunlight resistance applications.

General Information			
Features	Sunlight Resistant (720 hours)		
Uses	Cable Jacketing		
	Insulation		
Wire Types	SJEOW		
Agency Ratings	UL 62		
	UL QMTT2		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	77		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	14.5	MPa	
100% Strain	7.58	MPa	
Tensile Elongation (Break)	280	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation			UL 1581
60°C, 762.0 μm ¹	84	%	
Air Aging, 7 days : 136°C, 762.0 μm	86	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-45.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	188	°C	
NOTE			

1. Oil Aging, 7 days, #2 Oil

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