

Axiall PVC 21572

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Semi-rigid nonlead stabilized insulation compound designed for data communication riser cable applications. Maximum 60C service temperature rating.

General Information			
Uses	Insulation		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29 to 1.33	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	54 to 60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	22.9	MPa	
100% Strain	18.6	MPa	
Tensile Elongation (Break)	280	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ¹ (100°C, 168 hr)	-13	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-15.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant (1 MHz)	2.78		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	32	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	191	°C	
NOTE			
1.	30 mil slab		

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