

Axiall PVC 18841

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Highly flame retardant, 105 C tray cable jacket compound. Recommended over FRXLPE. Formulated for sunlight resistance.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Sunlight Resistant		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41 to 1.45	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	81 to 87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	18.9	MPa	
100% Strain	11.2	MPa	
Tensile Elongation (Break)	280	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ¹ (136°C, 168 hr)	-18	%	UL 1581
Change in Ultimate Elongation ² (100°C, 96 hr, in IRM 902 Oil)	-40	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-21.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	36	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	177	°C	
NOTE			
1.	30 mil slab		
2.	30 mil slab		

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