

Axiall PVC 16850

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

90 C rated tray cable jacket with excellent low temperature properties. Designed for sunlight resistant applications.

General Information			
Features	Good UV resistance		
Uses	Cable sheath		
	Wire and cable applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34 - 1.38	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	82 - 88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	17.2	MPa	ASTM D638
Tensile Elongation (Break)	320	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ¹ (121°C, 168 hr)	-20	%	UL 1581
Change in Ultimate Elongation ² (70°C, 4 hr, in Oil)	-18	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-50.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	32	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	182	°C	
NOTE			
1.	75 mil slab		
2.	75 mil slab		

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Recommended distributors for this material

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