

Axiall PVC 16881

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

90°C rated, non-lead stabilized jacket compound with excellent low temperature properties. Suitable for riser and optical fiber constructions.

General Information			
Features	Low Temperature Resistant		
Uses	Cable Jacketing		
	Fiber Optic Cable		
	Wire & Cable Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33 to 1.37	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness ¹ (Shore A)	85 to 91		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	19.3	MPa	
100% Strain	12.4	MPa	
Tensile Elongation (Break)	300	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ² (121°C, 168 hr)	-12	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-39.4	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	31	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	182	°C	
NOTE			
1.	Delayed		
2.	50 mil slab		

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