

Axiall PVC 18760

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Non-lead stabilized, matte-finish, jacketing compound with excellent low temperature performance. Maximum 105°C service temperature at 40+ mil. Ideally suited for 90°C applications.

General Information			
Features	Low Temperature Resistant		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Forms	Pellets		
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 A)	73 to 79		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	15.0	MPa	
100% Strain	6.89	MPa	
Tensile Elongation (Break)	340	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ¹ (136°C, 168 hr)	-25	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-51.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	182	°C	
NOTE			
1.	40 mil slab		

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