

Axiall PVC 12805

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

General purpose, 75 C rated non-lead stabilized jacket compound with good low temperture performance and 720 hour sunlight resistance.
UL recognized component for 720 hour sunlight resistance in all colors

General Information			
Features	General Purpose		
	Low (to None) Lead Content		
	Low Temperature Resistant		
	Sunlight Resistant (720 hours)		
Uses	Cable Jacketing		
	General Purpose		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39 to 1.43	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	6.89	MPa	ASTM D638
Tensile Strength	15.5	MPa	ASTM D638
Tensile Elongation (Break)	370	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ² (100°C, 240 hr)	-15	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-35.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	177	°C	
NOTE			
1.	100% strain		
2.	30 mil slabs		

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