

Axiall PVC 4900

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Non-lead stabilized, fungus resistant, 105 c rated automotive insulation designed to meet the performance criteria of SAE J-1128

General Information			
Features	Fungus Resistant		
Uses	Automotive Applications		
	Insulation		
	Wire & Cable Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34 to 1.38	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	20.0	MPa	
100% Strain	11.5	MPa	
Tensile Elongation (Break)	300	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ¹ (136°C, 168 hr)	-22	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-29.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	185	°C	
NOTE			
1.	30 mil slabs		

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