

Axial PVC 19473

Flexible Polyvinyl Chloride

Axial Corporation

Message:

Non-lead stabilized, 105 C insulation compound recommended for a minimum wall thickness of 10 mils. Designed to meet the performance criteria of military spec MIL-W-16878D.

General Information			
Uses	Insulation		
Agency Ratings	MIL W-16878D		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	47		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	20.7	MPa	
100% Strain	15.9	MPa	
Tensile Elongation (Break)	300	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 7 days (136°C, 762.0 µm)	92	%	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	191	°C	

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