

Axiall PVC 19853

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Non-lead stabilized insulation compound recommended for 105 C applications 1/32 wall and larger.

General Information			
Uses	Insulation		
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 (Shore A)	82 to 88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	16.5	MPa	
100% Strain	10.0	MPa	
Tensile Elongation (Break)	320	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ¹ (136°C, 168 hr)	74	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature ²	-25.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	177	°C	
NOTE			
1.	30 mil slabs		
2.	C		

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