

Axiall PVC 19921

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Non-lead stabilized 105C insulation compound with excellent low temperature properties.

General Information			
Uses	Insulation		
Wire Types	THHN		
	THWN		
	TW		
	VW-1		
Agency Ratings	UL I Oil Rating		
	UL Type THHN		
	UL Type THW		
	UL Type THWN		
	UL Type TW		
	UL VW-1		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	91		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	19.3	MPa	
100% Strain	13.8	MPa	
Tensile Elongation (Break)	330	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature ¹	-32.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	188	°C	
NOTE			
1.	C		

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