

Axial PVC 15900

Flexible Polyvinyl Chloride

Axial Corporation

Message:

Non-lead stabilized insulation compound recommended for TW and 80C Class 43 applications.

General Information			
Additive	Unspecified Stabilizer		
Uses	Insulation		
Wire Types	TW		
Agency Ratings	UL Type TW		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31 to 1.35	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	87 to 93		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	19.0	MPa	
100% Strain	12.4	MPa	
Tensile Elongation (Break)	330	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation			UL 1581
Air Aging, 168 hr : 113°C, 30.0 µm ¹	84	%	
Oil Aging, 96 hr : 100°C, 30.0 µm ²	79	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-24.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	1.0E+15	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	185	°C	
NOTE			
1.	Slab		
2.	Insulation		

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