

# Axial PVC 19912

Flexible Polyvinyl Chloride

Axial Corporation

## Message:

Non-lead stabilized, 105C rated insulation compound recommended for various style # applications including 1007 and 1015. The compound is formulated for microbial and fungal resistance.

General Information			
Features	Fungus Resistant		
Uses	Insulation		
Wire Types	UL Style 1007		
	UL Style 1015		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm <sup>3</sup>	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
--	17.2	MPa	
100% Strain	11.7	MPa	
Tensile Elongation (Break)	320	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 7 days (136°C, 762.0 µm)	84	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-23.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	9.0E+14	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	188	°C	

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