

# Axiall PVC 13821

Flexible Polyvinyl Chloride

Axiall Corporation

## Message:

Non-lead stabilized, sunlight resistant, TW insulation compound recommended for 75C Class 43 applications or outdoor jacket applications.

General Information			
Features	Good Flexibility Good UV Resistance Sunlight Resistant (720 hours)		
Uses	Flexible Cord Jacketing Insulation Outdoor Applications		
Wire Types	TW		
Agency Ratings	UL Class 43 UL Type TW		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39 to 1.43	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	79 to 85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	15.9	MPa	
100% Strain	8.79	MPa	
Tensile Elongation (Yield)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-28.0	°C	ASTM D746
Melting Temperature	177	°C	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	6.0E+14	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863

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