

# Axial PVC 17901

Flexible Polyvinyl Chloride

Axial Corporation

## Message:

RoHS compliant TW insulation compound UL rated for 720 hr sunlight resistant applications. Suitable for 90 C, 1/64" constructions or 105 C, 4/64" wall constructions.

General Information			
Features	Sunlight Resistant (720 hours)		
Wire Types	TW		
Agency Ratings	UL I Oil Rating		
	UL Type TW		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31 to 1.35	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	86 to 92		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	19.2	MPa	
100% Strain	12.6	MPa	
Tensile Elongation (Break)	360	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - 168 hr (136°C, 762.0 µm)	73	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-34.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	185	°C	

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