

# Axiall PVC 19903

Flexible Polyvinyl Chloride

Axiall Corporation

## Message:

UL approved TW insulation compound. Suitable for 105C constructions at a minimum wall thickness of 1/32". Suitable for 720 hr sunlight reisant applications.

General Information			
Features	Low (to None) Lead Content		
Uses	Thin-walled Parts		
Wire Types	TW		
Agency Ratings	UL I Oil Rating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32 to 1.36	g/cm <sup>3</sup>	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
--	19.3	MPa	
100% Strain	13.3	MPa	
Tensile Elongation (Break)	360	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air <sup>1</sup> (136°C, 168 hr)	-20	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-27.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	182	°C	
NOTE			

1. 30 mil slabs

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

