

Axiall PVC 19920

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Non-lead stabilized 105C insulation compound recommended for THHN-THWN circuit sizes. Well suited for 105C; 1/64 wall in all AWG sizes. CSA approved for FT1 TWN75, TEW and AWM IA constructions.

General Information			
Uses	Insulation		
Wire Types	AWM IA		
	FT-1		
	TEW		
	THHN		
	THWN		
	TWN75		
Agency Ratings	UL Type THHN		
	UL Type THW		
	UL Type THWN		
	UL Type TW		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	92		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	19.7	MPa	
100% Strain	13.8	MPa	
Tensile Elongation (Break)	330	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 7 days (136°C, 762.0 μm)	87	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.0	°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	29	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	188	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

