

Axiall PVC 19481

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

105C, VW-1 non-lead stabilized insulation. Best suited for small guage, 1/64 wall appliations. UL approved for TW, THW, THHW, THHN-THWN insulation.

General Information			
Uses	Insulation		
Wire Types	THHN		
	THHW		
	THW		
	THWN		
	TW		
	VW-1		
Agency Ratings	UL Type THHN		
	UL Type THW		
	UL Type THWN		
	UL Type TW		
	UL VW-1		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32 to 1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	92 to 98		
Shore D	45 to 51		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	20.3	MPa	
100% Strain	15.5	MPa	
Tensile Elongation (Break)	340	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ¹ (136°C, 168 hr)	-15	%	UL 1581
Change in Ultimate Elongation ² (100°C, 96 hr)	-15	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-18.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	2.0E+15	ohms · cm	ASTM D257

Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	193	°C	
NOTE			
1.	30 mil slabs		
2.	30 mil slabs		

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

