

# Axiall PVC 19854

Flexible Polyvinyl Chloride

Axiall Corporation

## Message:

Non-lead stabilized, oil resistant, VW-1 rated, 105C insulation compound. UL recognized component for THW ,TW, VW-1 and Oil I applications

General Information	
Features	Oil Resistant
Uses	Insulation
Wire Types	THW
	TW
	VW-1
Agency Ratings	UL I Oil Rating
	UL Type THW
	UL Type TW
	UL VW-1

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)	82 to 88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	16.9	MPa	
100% Strain	12.2	MPa	
Tensile Elongation (Break)	320	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air <sup>1</sup> (113°C, 168 hr)	78	%	UL 1581
Change in Ultimate Elongation <sup>2</sup> (100°C, 96 hr, in Oil)	91	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature <sup>3</sup>	-25.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	27	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	188	°C	
NOTE			
1.	30 mil slabs		
2.	30 mil insulation		

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

