

Axiall PVC 15644

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Semi-rigid insulation compound recommended for Style #1061 applications. Maximum service temperature of 105C.

General Information			
Uses	Insulation		
Wire Types	UL Style 1061		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33 to 1.37	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	58 to 64		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	22.3	MPa	
100% Strain	20.0	MPa	
Tensile Elongation (Break)	300	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 7 days (136°C, 762.0 μm)	88	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-5.00	°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	28	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	188	°C	

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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



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