

Axiall PVC 19740

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Non-lead stabilized, 105C rated insulation compound with excellent low temperature properties. Suitable for use in Class 43 applications. Also suitable for injection molding applications.

General Information			
Uses	Insulation		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	74		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	14.8	MPa	
100% Strain	6.89	MPa	
Tensile Elongation (Break)	350	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 7 days (136°C, 762.0 μm)	89	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863
Injection	Nominal Value	Unit	
Processing (Melt) Temp	177	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	177	°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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