

Axiall PVC 12804

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Non-lead stabilized, 75C rated jacket compound suitable for use in VW-1 rated, UL 62 constructions.

General Information			
Uses	Cable Jacketing		
Wire Types	VW-1		
Agency Ratings	UL 62		
	UL VW-1		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	12.8	MPa	
100% Strain	7.07	MPa	
Tensile Elongation (Break)	300	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 10 days (100°C, 762.0 µm)	81	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	171	°C	

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