

# Axiall PVC 12803

Flexible Polyvinyl Chloride

Axiall Corporation

## Message:

General purpose, 75 C rated jacket with excellent low temperature properties.

General Information			
Features	General Purpose		
Uses	Wire & Cable Applications Wire Jacketing		
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, 10 sec)	77 to 83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	16.2	MPa	
100% Strain	8.83	MPa	
Tensile Elongation (Break)	340	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air <sup>1</sup> (100°C, 240 hr)	-11	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-47.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	177	°C	
NOTE			

1. 30 mil slab

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