

Axiall PVC 12770

Flexible Polyvinyl Chloride

Axiall Corporation

Message:

Non-lead stabilized, sunlight resistant CATV and general purpose jacket with excellent low temperature properties.

General Information			
Features	General Purpose		
Uses	Cable Jacketing		
	General Purpose		
Wire Types	CATV		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32 to 1.36	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	74 to 80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	15.2	MPa	
100% Strain	7.58	MPa	
Tensile Elongation (Break)	350	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ¹ (100°C, 240 hr)	-11	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-44.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	182	°C	
NOTE			
1.	30 mil slab		

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