

# Axial PVC 10870

Flexible Polyvinyl Chloride

Axial Corporation

## Message:

General purpose non-lead stabilized jacket compound recommended for 60°C applications and also suited for 75°C at a wall thickness of 30 mils and larger.

General Information			
Features	General Purpose		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40 to 1.44	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	84 to 90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	16.4	MPa	
100% Strain	9.65	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)	-22	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-28.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	188	°C	
NOTE			
1.	30 mil slabs		

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