

Axial PVC 22851

Flexible Polyvinyl Chloride

Axial Corporation

Message:

Non-lead stabilized, flame retardant jacket compound. Best suited for CM, CMR applications ove FR PVC. Maximum service temperature rating of 75°C. UL recognized for 720 hr sunlight resistance.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Sunlight Resistant (720 hours)		
Uses	Cable Jacketing		
	Wire & Cable Applications		
Wire Types	CM		
	CMR		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33 to 1.37	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness ¹ (Shore A)	82 to 88		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	19.7	MPa	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ² (100°C, 240 hr)	-20	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-35.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	31	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	185	°C	
NOTE			
1.	Delayed		
2.	30 mil slab		

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