

Axial PVC 18780

Flexible Polyvinyl Chloride

Axial Corporation

Message:

105C rated, UV resistant, vinyl-elastomer compound recommended for cord jacket applications

General Information			
Features	Good UV Resistance		
Uses	Cable Jacketing		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	77		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	11.5	MPa	
100% Strain	6.14	MPa	
Tensile Elongation (Break)	310	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 7 days (136°C, 762.0 µm)	79	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-30.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	177	°C	

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