

Axial PVC 16520

Flexible Polyvinyl Chloride

Axial Corporation

Message:

90C rated, semi-rigid jacket for PLTC and FT-4 applications

General Information			
Uses	Cable Jacketing		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	52		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	21.0	MPa	
100% Strain	16.5	MPa	
Tensile Elongation (Yield)	320	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 7 days (121°C, 762.0 µm)	84	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-26.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	32	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	193	°C	

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