

Axial PVC 16902

Flexible Polyvinyl Chloride

Axial Corporation

Message:

Non-lead stabilized, 90C rated fiber optic riser jacket

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	17.2	MPa	
100% Strain	12.2	MPa	
Tensile Elongation (Break)	290	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Retention of Tensile Elongation - Air Aging, 7 days (121°C, 762.0 µm)	77	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-27.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	188	°C	

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