

Axial PVC 67441

Flexible Polyvinyl Chloride

Axial Corporation

Message:

90 C rated, non-lead stabilized, inner/outer jacketing compound meets -40C low temp impact and FT4 flame requirements in Teck 90 cables. Low acid gas 12% - 13% per CSA test methods.

General Information			
Uses	Cable Jacketing		
	Wire & Cable Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35 to 1.39	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness ¹ (Shore A)	68 to 74		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	14.1	MPa	
100% Strain	6.89	MPa	
Tensile Elongation (Break)	350	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air ² (121°C, 336 hr)	-20	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-45.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863
Extrusion	Nominal Value	Unit	
Melt Temperature	182	°C	
NOTE			
1.	Delayed		
2.	30 mil		

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