

Axial PVC 19922

Flexible Polyvinyl Chloride

Axial Corporation

Message:

19922 is a flexible extrusion PVC compound formulated for maximum service temperature of 105°C for phthalate free THHN-THWN insulating applications at a minimum wall thickness of 0.015" and thicker wall thicknesses in all sizes and colors. The compound also possesses excellent low temperature performance.

General Information			
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31 - 1.35	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	89 - 95		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	19.7	MPa	ASTM D638
100% strain	13.8	MPa	ASTM D638
Tensile Elongation (Break)	330	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Ultimate Elongation in Air (136°C, 168 hr)	-13	%	UL 1581
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-24.0	°C	ASTM D746
Melting Temperature	188	°C	
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ¹ (23°C)	1.0E+15	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863
NOTE			
1.	50% RH		

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