

Manner Flexible PVC V928-01 NAT601

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 75°C Sunlight Resistant Jacketing compound suitable for CATV wire types. This compound is designed to meet the CSA FT4 flammability requirements. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Sunlight Resistant
Uses	• Cable Jacketing • Wire & Cable Applications
Agency Ratings	• CSA FT-4
Appearance	• Natural Color

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.39 to 1.43		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2100	psi	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82 to 88		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-22.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ² (212°F, 240 hr)	-5.0	%	UL 1581
Change in Ultimate Elongation in Air ² (212°F, 240 hr)	-5.0	%	UL 1581
Retention of Tensile Elongation - 720 hours - QUVA	-11	%	
Retention of Tensile Strength - 720 hours - QUVA	-14	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	33	%	ASTM D2863

Notes

¹ Typical properties: these are not to be construed as specifications.

² Air Aged Retention

