

Manner Flexible PVC V929-03 NAT601

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 75°C Sunlight Resistant Communication Jacketing compound suitable for CMR, CL2, CL2R, FPLR, FT-4, OFNR, CATVR applications. 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 • Communication Cable Jacketing • Communication Wire Jacketing
Appearance	• Natural Color

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.51 to 1.55		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	2100	psi	ASTM D638
Tensile Elongation ² (Break)	280	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85 to 91		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	1.40	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ³ (212°F, 240 hr)	-5.0	%	UL Unspecified
Change in Ultimate Elongation in Air ³ (212°F, 240 hr)	-10	%	UL Unspecified
Retention of Tensile Elongation - 720 hours - QUVA	-15	%	
Retention of Tensile Strength - 720 hours - QUVA	-15	%	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	40	%	ASTM D2863

Notes

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

² Unaged Dumbbell: .075 inch

³ Air Aged: .075 inch

