

Manner Flexible PVC V942 NAT601

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: 75°C Communication Jacketing compound suitable for cables requiring a CATVR or OFNR rating. This compound meets 720 hour sunlight resistance in all colors. This compound complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Features	Sunlight Resistant (720 hours)		
Uses	Cable Jacketing		
	Communication Cable Jacketing		
	Communication Wire Jacketing		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40 to 1.44	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
	83 to 89		
Durometer Hardness (Shore A, 15 sec)	80 to 86		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	13.8	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ¹ (100°C, 240 hr)	-3.0	%	UL 1581
Change in Ultimate Elongation in Air ² (100°C, 240 hr)	-2.0	%	UL 1581
Retention of Tensile Elongation - 1500 hrs QUVA	-15	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-33.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	34	%	ASTM D2863
NOTE			
1.	Air Aged Retention		
2.	Air Aged Retention		

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Recommended distributors for this material

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