

Manner Flexible PVC V934 NAT601

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 90°C Cable Jacket for applications as per UL 444, 62,1072,1277 and 1569. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

Material Status	• Commercial: Active
Availability	• North America
Agency Ratings	<ul style="list-style-type: none"> • UL 1072 • UL 1277 <ul style="list-style-type: none"> • UL 1569 • UL 444 <ul style="list-style-type: none"> • UL 62
Appearance	• Natural Color

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.36 to 1.40		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	3000	psi	ASTM D638
Tensile Elongation ² (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C)	72 to 78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-13.0	°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
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	32	%	ASTM D2863

Notes

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

² Unaged Dumbbell: .03 inch

³ Air Aged: .03 inch

