

Manner Flexible PVC 6926 NA 022

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 6926 is a UL QMTT2 Recognized Component product rated for THHW (as well as TW and THW) 75 °C wet and 105 °C dry insulation products. 6926 is applicable for Style 1015 and MTW products, is rated for Oil Resistant I and II as well as VW-1 applications. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive

General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Automotive Applications • Wet Rated Insulation • Wire & Cable Applications
Agency Ratings	• UL QMTT2
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.38 to 1.42		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	2750	psi	ASTM D638
Tensile Elongation ² (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 ³	10.4	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ⁴ (277°F, 168 hr)	10	%	UL 1581
Change in Ultimate Elongation in Air ⁴ (277°F, 168 hr)	-1.0	%	UL 1581

Notes

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

² Unaged Dumbbells

³ F50

⁴ .03 Inch

