

Manner Flexible PVC V191A NAT601 FR

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 105°C Insulation Compound. This product is RoHS compliant.

General

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|-----------------|----------------------|
| Material Status | • Commercial: Active |
| Availability | • North America |

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24 to 1.28		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ²	1100	psi	ASTM D638
Tensile Strength ²	2300	psi	ASTM D638
Tensile Elongation ² (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	79 to 85		
Shore A, 15 sec	75 to 81		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ³ (277°F, 168 hr)	4.0	%	UL Unspecified
Change in Ultimate Elongation in Air ³ (277°F, 168 hr)	-3.0	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

Notes

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

² Unaged Dumbbell: .06 inch

³ Air Aged: .06 inch

