

Manner Flexible PVC V191A NAT601 FR

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

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

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24 to 1.28	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	79 to 85		
Shore A, 15 sec	75 to 81		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ¹	7.58	MPa	ASTM D638
Tensile Strength ²	15.9	MPa	ASTM D638
Tensile Elongation ³ (Break)	350	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ⁴ (136°C, 168 hr)	4.0	%	UL Unspecified
Change in Ultimate Elongation in Air ⁵ (136°C, 168 hr)	-3.0	%	UL Unspecified
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863
NOTE			
1.	Unaged Dumbbell: .06 inch		
2.	Unaged Dumbbell: .06 inch		
3.	Unaged Dumbbell: .06 inch		
4.	Air Aged: .06 inch		
5.	Air Aged: .06 inch		

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Recommended distributors for this material

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