

Manner Flexible PVC V966

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: 75°C Jacket Compound for general purpose applications. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Features	General Purpose		
Uses	General Purpose		
	Wire & Cable Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37 to 1.41	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	83 to 89		
Shore A, 15 sec	77 to 83		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ¹	7.58	MPa	ASTM D638
Tensile Strength ²	15.2	MPa	ASTM D638
Tensile Elongation ³ (Break)	350	%	ASTM D638
Aging	Nominal Value	Unit	
Change in Tensile Strength in Air ⁴ (100°C, 240 hr)	-8.0	%	
Change in Ultimate Elongation in Air ⁵ (100°C, 240 hr)	-6.0	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-30.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863
NOTE			
1.	Unaged Dumbbells: .075 inch		
2.	Unaged Dumbbells: .075 inch		
3.	Unaged Dumbbells: .075 inch		
4.	Air Retention: Oven Aged		
5.	Air Retention: Oven Aged		

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