

Manner Flexible PVC V738-2

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: UL 75°C Lead-free jacketing compound. V738 is recognized as 720 hour sunlight resistant under UL QMTT2. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Features	Low (to None) Lead Content		
	Sunlight Resistant (720 hours)		
Agency Ratings	UL QMTT2		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42 to 1.46	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	85 to 91		
Shore A, 15 sec	79 to 85		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ¹	8.31	MPa	ASTM D638
Tensile Strength ²	16.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	310	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ⁴ (100°C, 240 hr)	1.0	%	UL 1581
Change in Ultimate Elongation in Air ⁵ (100°C, 240 hr)	0.0	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863
NOTE			
1.	Unaged Dumbbell: .03 inch		
2.	Unaged Dumbbell: .03 inch		
3.	Unaged Dumbbell: .03 inch		
4.	Air Aged Retention		
5.	Air Aged Retention		

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Recommended distributors for this material

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