

Manner Flexible PVC V738-2

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

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

Material Status	• Commercial: Active
Availability	• North America
Features	• Low (to None) Lead Content • Sunlight Resistant (720 hours)
Agency Ratings	• UL QMTT2

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.42 to 1.46		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ²	1210	psi	ASTM D638
Tensile Strength ²	2310	psi	ASTM D638
Tensile Elongation ² (Break)	310	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	85 to 91		
Shore A, 15 sec	79 to 85		
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ³ (212°F, 240 hr)	1.0	%	UL 1581
Change in Ultimate Elongation in Air ³ (212°F, 240 hr)	0.0	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863

Notes

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

² Unaged Dumbbell: .03 inch

³ Air Aged Retention

