

Manner Flexible PVC V857

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: Lead-free 75°C insulation and jacking compound with flame retardant. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

Material Status	• Commercial: Active
Availability	• North America
Additive	• Flame Retardant
Features	• Flame Retardant • Low (to None) Lead Content
Uses	• Insulation

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.33 to 1.37		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ²	933	psi	ASTM D638
Tensile Strength ²	2430	psi	ASTM D638
Tensile Elongation ² (Break)	320	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	76 to 82		
Shore A, 15 sec	70 to 76		
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

