

Manner Flexible PVC V875

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: Lead-free 60°C riser insulation compound. 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
Uses	• Insulation

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.34 to 1.38		ASTM D792
Mechanical			
Tensile Modulus - 100% Secant ²	3240	psi	ASTM D638
Tensile Strength ²	4980	psi	ASTM D638
Tensile Elongation ² (Break)	280	%	ASTM D638
Hardness			
Durometer Hardness			ASTM D2240
Shore D	66 to 72		
Shore D, 10 sec	54 to 60		
Thermal			
Brittleness Temperature	10.4	°F	ASTM D746
Aging			
Change in Tensile Strength in Air ³ (212°F, 168 hr)	-12	%	UL 1581
Change in Ultimate Elongation in Air ³ (212°F, 168 hr)	3.0	%	UL 1581
Flammability			
Oxygen Index	32	%	ASTM D2863

Notes

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

² Unaged Dumbbell: .03 inch

³ Air Aged Retention

