

Manner Flexible PVC V932 NAT601

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 • Wire & Cable Applications

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30 to 1.34		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	3200	psi	ASTM D638
Tensile Elongation ² (Break)	310	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 10 sec)	38 to 44		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-13.0	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ³ (212°F, 168 hr)	3.0	%	UL Unspecified
Change in Ultimate Elongation in Air ³ (212°F, 168 hr)	1.0	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	32	%	ASTM D2863

Notes

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

² Unaged Dumbbells

³ Air Aged Retention

