

Manner Flexible PVC V981 NAT601

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: Lead-free, 105°C jacketing compound with good low temperature performance. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> North America
Features	<ul style="list-style-type: none"> Low (to None) Lead Content

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.31 to 1.35		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	2000	psi	ASTM D638
Tensile Elongation ² (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	72 to 78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-61.6	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ³ (277°F, 168 hr)	2.0	%	UL Unspecified
Change in Ultimate Elongation in Air ³ (277°F, 168 hr)	1.0	%	UL Unspecified
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	24	%	ASTM D2863

Notes

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

² Unaged Dumbbells

³ Air Aged Retention

