

Manner Flexible PVC V824-1

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 105°C general purpose jacketing compound. 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"> General Purpose
Uses	<ul style="list-style-type: none"> General Purpose

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.34 to 1.38		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant ²	1000	psi	ASTM D638
Tensile Strength ²	1900	psi	ASTM D638
Tensile Elongation ² (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	69 to 75		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-25.6	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air ³ (277°F, 168 hr)	5.0	%	UL 1581
Change in Ultimate Elongation in Air ³ (277°F, 168 hr)	-15	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

Notes

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

² Unaged Dumbbell: .03 inch

³ Air Aged: .03 inch

