

## Manner Flexible PVC V824

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"> <li>Commercial: Active</li> </ul>
Availability	<ul style="list-style-type: none"> <li>North America</li> </ul>
Features	<ul style="list-style-type: none"> <li>General Purpose</li> </ul>
Uses	<ul style="list-style-type: none"> <li>General Purpose</li> </ul>

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35 to 1.39		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant <sup>2</sup>	950	psi	ASTM D638
Tensile Strength <sup>2</sup>	2000	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	380	%	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 <sup>3</sup> (277°F, 168 hr)	10	%	UL 1581
Change in Ultimate Elongation in Air <sup>3</sup> (277°F, 168 hr)	-15	%	UL 1581
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	23	%	ASTM D2863

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Unaged Dumbbell: .03 inch

<sup>3</sup> Air Aged: .03 inch

