

## Manner Flexible PVC X3676

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: 75C Insulation and Jacket

#### General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Cable Jacketing • Insulation

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32 to 1.36		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant <sup>2</sup>	1000	psi	ASTM D638
Tensile Strength <sup>2</sup>	1880	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	330	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	77 to 83		
Shore A, 15 sec	71 to 77		
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air <sup>3</sup> (212°F, 240 hr)	0.0	%	UL 1581
Change in Ultimate Elongation in Air <sup>3</sup> (212°F, 240 hr)	-5.0	%	UL 1581

### Notes

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

<sup>2</sup> Unaged Dumbbells: .06 inch

<sup>3</sup> Air Retention: .06 inch

