

## Manner Flexible PVC X3582 TRN776

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: FDA (food grade) tubing and profile extrusion compound. This compound contains ingredients complying with NSF/ANSI Standard 51 (subject to accreditation by NSF). This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

#### General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Profiles                      • Tubing
Agency Ratings	• FDA Food Contact      • NSF STD-51
Processing Method	• Extrusion

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.18 to 1.22		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant <sup>2</sup>	900	psi	ASTM D638
Tensile Strength <sup>2</sup>	2100	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	400	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	65 to 71		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-31.0	°F	ASTM D746

### Notes

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

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

