

## Manner Flexible PVC X3582 TRN770

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: FDA (food grade) tubing and profile extrusion compound. This compound is recognized by NSF as complying with NSF/ANSI Standard 51. 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	1.22 to 1.26		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant <sup>2</sup>	1580	psi	ASTM D638
Tensile Strength <sup>2</sup>	3040	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	390	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	84 to 90		
Shore A, 15 sec	77 to 83		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-16.6	°F	ASTM D746

### Notes

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

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

