

## Manner Flexible PVC X4777

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

FDA (food grade) transparent compound suitable for tubing, profile extrusion and certain injection molding applications. All ingredients in this compound are approved for food contact by the FDA. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

#### General

Material Status	• Commercial: Active
Availability	• North America
Features	• Food Contact Acceptable
Uses	• Profiles • Tubing
Agency Ratings	• FDA Food Contact
RoHS Compliance	• RoHS Compliant
Appearance	• Clear/Transparent
Processing Method	• Extrusion • Injection Molding • Profile 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 Strength			ASTM D638
--	2300	psi	
100% Strain	1040	psi	
Tensile Elongation (Break)	400	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	77		
Shore A, 15 sec	71		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-32.8	°F	ASTM D746

### Notes

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

