

## Manner Flexible PVC X3782

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: Oil resistant tubing and profile extrusion with very negligible exudation for LPG applications. 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>Oil Resistant</li> </ul>
Uses	<ul style="list-style-type: none"> <li>Profiles</li> <li>Tubing</li> </ul>
Processing Method	<ul style="list-style-type: none"> <li>Extrusion</li> </ul>

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30 to 1.34		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant <sup>2</sup>	850	psi	ASTM D638
Tensile Strength <sup>2</sup>	2500	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	450	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	77 to 83		
Shore A, 15 sec	67 to 73		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-56.2	°F	ASTM D746

### Notes

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

<sup>2</sup> Unaged Dumbbells

