

## Manner Flexible PVC X3582A

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

For the extruded profile and tubing industries, Manner has developed a broad line of products which include low, medium, and high specific gravity materials as well as FDA and NSF recognized compounds. A general purpose transparent offering excellent clarity is also available.

The table below shows some of our most popular compounds, but is not a comprehensive view of the Manner Plastics product portfolio. If you do not see a compound offering the performance your application requires, please contact us. We may already have a custom formulation that meets your needs.

#### 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>Good Flexibility</li> <li>High Clarity</li> </ul>
Uses	<ul style="list-style-type: none"> <li>Hose</li> <li>Tubing</li> </ul>
Appearance	<ul style="list-style-type: none"> <li>Clear/Transparent</li> </ul>
Forms	<ul style="list-style-type: none"> <li>Pellets</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	1.20		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1280	psi	ASTM D638
Tensile Strength (Yield)	2400	psi	ASTM D638
Tensile Elongation (Break)	410	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-23.8	°F	ASTM D746

### Notes

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

