

Manner Flexible PVC X3582C

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	• Commercial: Active
Availability	• North America
Features	• Good Flexibility • High Clarity
Uses	• Hose • Tubing
Appearance	• Clear/Transparent
Forms	• Pellets
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.25		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1610	psi	ASTM D638
Tensile Strength (Yield)	3090	psi	ASTM D638
Tensile Elongation (Break)	380	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-14.8	°F	ASTM D746

Notes

¹ Typical properties: these are not to be construed as specifications.

