

Manner Flexible PVC X3582

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"> Commercial: Active
Availability	<ul style="list-style-type: none"> North America
Features	<ul style="list-style-type: none"> Good Flexibility High Clarity
Uses	<ul style="list-style-type: none"> Hose Tubing
Appearance	<ul style="list-style-type: none"> Clear/Transparent
Forms	<ul style="list-style-type: none"> Pellets
Processing Method	<ul style="list-style-type: none"> Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1580	psi	ASTM D638
Tensile Strength (Yield)	3040	psi	ASTM D638
Tensile Elongation (Break)	390	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	87		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-16.6	°F	ASTM D746

Notes

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

