

# Manner Flexible PVC X5090

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

## Message:

For the extruded profile, tubing applications, and for injection molding applications Manner Plastics has developed a broad line of Non Phthalate/ROHS compliant products with low, medium, and high specific gravity and varying hardness. A general purpose transparent offering shows excellent clarity. 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 Information	
Features	Good Flexibility
Uses	Profiles
	Tubing
RoHS Compliance	RoHS Compliant
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Injection Molding
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	11.7	MPa	ASTM D638
Tensile Strength (Yield)	16.5	MPa	ASTM D638
Tensile Elongation (Break)	260	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-28.0	°C	ASTM D746

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## Recommended distributors for this material

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