

## Manner Flexible PVC X4090

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

General purpose tubing, profile extrusion and injection molding. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

#### General

Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose
Uses	• Profiles • Tubing
RoHS Compliance	• RoHS Compliant
Processing Method	• Extrusion • Injection Molding • Profile Extrusion

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.40 to 1.44		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
0.0600 in	2200	psi	
100% Strain, 0.0600 in	1400	psi	
Tensile Elongation (Break, 0.0600 in)	290	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	90		
Shore A, 15 sec	85		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-5.80	°F	ASTM D746

### Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	300 to 325	°F
Cylinder Zone 3 Temp.	300 to 325	°F
Cylinder Zone 5 Temp.	300 to 325	°F
Die Temperature	310 to 325	°F

### Notes

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

