

## Manner Flexible PVC X4570

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Lead-free transparent tubing and profile extrusion compound This compound is also suitable to certain injection molding applications. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

#### General

Material Status	• Commercial: Active
Availability	• North America
Features	• Low (to None) Lead Content
Uses	• Profiles • Tubing
RoHS Compliance	• RoHS Compliant
Appearance	• Clear/Transparent
Processing Method	• Extrusion • Injection Molding • Profile Extrusion

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.13 to 1.17		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
0.0300 in	1900	psi	
100% Strain, 0.0300 in	900	psi	
Tensile Elongation (Break, 0.0300 in)	420	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	70		
Shore A, 15 sec	64		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-38.2	°F	ASTM D746

### Notes

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

