

## Manner Flexible PVC X3548

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Lead-free oil resistant profile and tubing extrusion compound. 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 • Oil Resistant
Uses	• Profiles • Tubing
RoHS Compliance	• RoHS Compliant
Processing Method	• Extrusion • Profile Extrusion

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.29 to 1.33		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
0.0600 in	2760	psi	
100% Strain, 0.0600 in	1290	psi	
Tensile Elongation (Break, 0.0600 in)	380	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	87		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-27.4	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (212°F, 72 hr, in IRM 903 Oil)	-4.0	%	ASTM D471
Change in Ultimate Elongation (212°F, 72 hr, in IRM 903 Oil)	-27	%	ASTM D471

### Notes

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

