

## Manner Flexible PVC P1187

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

105°C General Purpose Extrusion Profile Compound. Designed for applications requiring UL224 105C VW1 rating, CSA105C VW1 and ASTM D922 Grade C. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

#### General

Material Status	<ul style="list-style-type: none"> <li>Commercial: Active</li> </ul>
Availability	<ul style="list-style-type: none"> <li>North America</li> </ul>
Features	<ul style="list-style-type: none"> <li>General Purpose</li> </ul>
Uses	<ul style="list-style-type: none"> <li>Profiles</li> </ul>
Agency Ratings	<ul style="list-style-type: none"> <li>ASTM D922, Grade C</li> <li>UL 224</li> <li>CSA</li> <li>UL VW-1</li> </ul>
RoHS Compliance	<ul style="list-style-type: none"> <li>RoHS Compliant</li> </ul>
Processing Method	<ul style="list-style-type: none"> <li>Profile Extrusion</li> </ul>

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32 to 1.36		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2800	psi	ASTM D638
Tensile Elongation (Break)	380	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	87		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-9.40	°F	ASTM D746
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (158°F, 4 hr, in Oil)	-3.0	%	ASTM D471
Change in Ultimate Elongation (158°F, 4 hr, in Oil)	-7.0	%	ASTM D471

### Notes

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

