

## Manner Flexible PVC P8183

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

85°C General Purpose Profile Extrusion Compound. Complies with ASTM D-922 Grade "A" and Ford Performance Specification ES-2U5A-IA263-AA. 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
Agency Ratings	• ASTM D922, Grade A
RoHS Compliance	• RoHS Compliant
Processing Method	• Profile Extrusion

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30 to 1.34		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2700	psi	ASTM D638
Tensile Elongation (Break)	380	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	86		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-20.2	°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)	-8.0	%	ASTM D471

### Notes

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

