

## Manner Flexible PVC M1486

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: General purpose injection molding compound. Manner M1486 is UL recognized under QMFZ2 and QMFZ8. This product complies with the European Union Restriction on Hazardous Substances directive.

#### General

Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose
Uses	• General Purpose
Agency Ratings	• UL QMFZ2      • UL QMFZ8
Processing Method	• Injection Molding

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37 to 1.41		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	1190	psi	ASTM D638
Tensile Strength	1400	psi	ASTM D638
Tensile Elongation (Break)	170	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	83 to 89		
Shore A, 15 sec	77 to 83		
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in	V-2		
0.12 in	V-2		
Oxygen Index	25	%	ASTM D2863
Additional Information	Nominal Value	Unit	Test Method
Stock Temperature	350 to 360	°F	

### Notes

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

