

## Manner Flexible PVC M1496

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: Lead-free general purpose injection molding compound. Manner M1496 is UL recognized under QMFZ8 and QMFZ2. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

#### General

Material Status	• Commercial: Active		
Availability	• North America		
Uses	• Consumer Applications	• Electrical/Electronic Applications	• Footwear
Agency Ratings	• UL 94	• UL QMFZ2	• UL QMFZ8
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		
Processing Method	• Injection Molding		

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.42 to 1.46		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 0.0600 in)	1620	psi	ASTM D638
Tensile Strength (Yield, 0.0600 in)	1830	psi	ASTM D638
Tensile Elongation (Break, 0.0600 in)	200	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C)	75 to 81		ASTM D2240

### Notes

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

