

## Manner Flexible PVC M1475

Manner Polymers - Flexible Polyvinyl Chloride

### General Information

#### Product Description

Recommended Applications: General purpose injection molding compound. Manner M1475 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		
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	1.33 to 1.37		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 0.0300 in)	600	psi	ASTM D638
Tensile Strength (Yield, 0.0300 in)	1700	psi	ASTM D638
Tensile Elongation (Break, 0.0300 in)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	72 to 78		
Shore A, 15 sec	62 to 68		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863

### Notes

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

