

# Manner Flexible PVC M1278

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

## Message:

Recommended Applications: Lead-free extrusion and injection molding compound. Suitable for 60°C wire and cable plug and termination over-molding. Manner M1278 is UL recognized under QMFZ8 and QMFZ2. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Features	Low (to None) Lead Content		
Uses	Wire & Cable Applications		
Agency Ratings	UL QMFZ2		
	UL QMFZ8		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38 to 1.42	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	76 to 80		
Shore A, 15 sec	70 to 74		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant <sup>1</sup>	6.09	MPa	ASTM D638
Tensile Strength <sup>2</sup>	10.3	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Break)	330	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-28.0	°C	ASTM D746
NOTE			
1.	Unaged Dumbbells: .06 inches		
2.	Unaged Dumbbells: .06 inches		
3.	Unaged Dumbbells: .06 inches		

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Recommended distributors for this material

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