

Manner Flexible PVC M1490

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: Lead-free general purpose injection molding compound. Manner M1490 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 ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.40 to 1.44		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 0.0300 in)	1460	psi	ASTM D638
Tensile Strength (Yield, 0.0300 in)	1690	psi	ASTM D638
Tensile Elongation (Break, 0.0300 in)	170	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	87 to 93		
Shore A, 15 sec	82 to 88		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ASTM D2863

Notes

¹ Typical properties: these are not to be construed as specifications.

