

Manner Flexible PVC M1590

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: Lead-free general purpose injection molding compound. Manner M1590 is UL recognized under QMFZ8 and QMFZ2. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
UL YellowCard	E107449-542553		
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		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45 to 1.49	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore C	87 to 93		
Shore C, 10 sec	78 to 84		
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 1.52 mm)	17.1	MPa	ASTM D638
Tensile Strength (Yield, 1.52 mm)	18.2	MPa	ASTM D638
Tensile Elongation (Break, 1.52 mm)	190	%	ASTM D638
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

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Recommended distributors for this material

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