

Manner Flexible PVC M1581

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: General purpose injection molding compound. Manner M1581 is UL recognized under QMFZ2 and QMFZ8. This product complies with the European Union Restriction on Hazardous Substances 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	1.43 to 1.47	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C)	78 to 84		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 0.762 mm)	11.4	MPa	ASTM D638
Tensile Strength (Yield, 0.762 mm)	12.8	MPa	ASTM D638
Tensile Elongation (Break, 0.762 mm)	160	%	ASTM D638
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.50 mm	V-2		
3.00 mm	V-2		
Oxygen Index	27	%	ASTM D2863

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Recommended distributors for this material

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