

Manner Flexible PVC M1100

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 105°C General Purpose Non-lead Injection Molding Compound for Appliance Harness Components required to meet aging of 168 Hours at 136°C.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose • Low (to None) Lead Content
Uses	• General Purpose
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.25 to 1.29		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2400	psi	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	76 to 82		ASTM D2240
Additional Information	Nominal Value	Unit	Test Method
Stock Temperature - Recommended Molding	340 to 360	°F	

Notes

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

