

Manner Flexible PVC M6115

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 80°C General Purpose Non Lead Injection Molding Compound for Appliance and Automotive Harness Components required to meet aging of 168 Hours at 113°C. Certified to Ford Motor Company Specification ESB-M4D317A Type V and meets Chrysler Corporation Specification MS-DC228.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose • Low (to None) Lead Content
Uses	• Appliance Components • Automotive Applications • General Purpose
Automotive Specifications	• STELLANTIS MS-DC-228
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35 to 1.39		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	1800	psi	ASTM D638
Tensile Elongation (Break)	250	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82 to 88		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.

