

# Geon™ CPVC MC4911

Chlorinated Polyvinyl Chloride

PolyOne Corporation

## Message:

The Geon MC4911 is a CPVC compound for injection molding applications.

General Information			
Uses	Industrial Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.53	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	76		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2520	MPa	ASTM D638
Tensile Strength (Yield, 23°C)	49.6	MPa	ASTM D638
Flexural Strength (Yield)	89.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	78.5	°C	ASTM D648
Extrusion	Nominal Value	Unit	
Melt Temperature	199 to 216	°C	

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