



# MARPOL POM GP Ethylene Vinyl Acetate

# PRODUCT DATA SHEET

## General

- Availability
- Processing Method
- Description
- Global
- Injection Molding
- General purpose Acrylic

Physical	Nominal Value	Test Method
Density/Specific Gravity	1.41 g/cm <sup>3</sup>	ISO 1183
Melt Volume-Flow Rate (MVR)	8 cm <sup>3</sup> /10min	ISO 1183
Molding Shrinkage		ISO 294-4
Across Flow: 23 C	1.90%	
Flow: 23 C	2.00%	
Water Absorption		ISO 62
Saturation, 23 C	0.75%	
Equilibrium, 23 C	0.20%	
Mechanical	Nominal Value	Test Method
Tensile Modulus (23 C)	2760 MPa	ISO 527-2/1A
Tensile Stress (Yield, 23 C)	65 MPa	ISO 527-2/1A/50
Tensile Strain (Break, 23 C)	10%	ISO 527-2/1A/50
Impact	Nominal Value	Test Method
Notched Izod Impact (23 C)	6 kJ/m <sup>2</sup>	ISO 179/1eA
Unnotched Impact Strength (23 C)	190 kJ/m <sup>2</sup>	ISO 179/1eU

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.



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Thermal	Nominal Value	Test Method
<b>Heat Deflection Temperature</b>		
.45 MPa, Unannealed	158 C	ISO 75-2/B
1.8 MPa, Unannealed	101 C	ISO 75-2/A
Vicat Softening Temperature	161 C	ISO 306/B50
Melting Temperature	166 C	ISO 11357-3
CLTE		ISO 11359-2
Flow	1.2E-4 cm/cm/C	
Transverse	1.2E-4 cm/cm/C	

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