



MARPOL
PA66 GP
 Ethylene Vinyl Acetate



PRODUCT DATA SHEET

General

- Availability
- Processing Method
- Description
- Global
- Injection Molding
- Unfilled Nylon 6/6

Physical	Nominal Value	Test Method
Density/Specific Gravity	1.13 g/cm ³	ISO 1183
Molding Shrinkage		ISO 294-4
Across Flow: 23 C	1.80%	
Flow: 23 C	1.50%	
Water Absorption		ISO 62
24 hr, 23 C	2.5%	
Saturation, 23 C	8.5%	
Mechanical	Nominal Value	Test Method
Tensile Modulus (23 C)	3000 MPa	ISO 527-2
Tensile Stress (Yield, 23 C)	80 MPa	ISO 527-2
Tensile Strain (Break, 23 C)	20%	ISO 527-2
Impact	Nominal Value	Test Method
Notched Izod Impact (23 C)	4 kJ/m ²	ISO 179/1eA
Charpay Unnotched Impact Strength	No Break	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.



MARCO POLO
 INTERNATIONAL, INC.
 Worldwide Distributors of Plastic Resins

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Thermal	Nominal Value	Test Method
Deflection Temperature Under Load		
.45 MPa, Unannealed	200 C	ISO 75-2/B
1.8 MPa, Unannealed	90 C	ISO 75-2/A
Continuous Use Temperature	130 C	IEC 60216
Ball Pressure Test		IEC 60695-10-2
125 C	Pass	
165 C	Pass	
Electrical	Nominal Value	Test Method
Surface Resistivity	1.0E+14 ohms	IEC 60093
Volume Resistivity	1.0E+15 ohms cm	IEC 60093
Comparative Tracking Index		IEC 60112
3.2 mm, Solution A	600 V	
Flammability		
Flame Rating	V-2	UL 94

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