



MARPOL
PC GP7
 Ethylene Vinyl Acetate



PRODUCT DATA SHEET

General

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

Physical	Nominal Value	Test Method
Density/Specific Gravity	1.2 g/cm ³	ASTM D792
Melt Mass-Flow Rate	7 g/10 min	ASTM D1238

Mechanical	Nominal Value	Test Method
Tensile Modulus	2350 MPa	ASTM D638
Tensile Stress		ASTM D638
Yield	63 MPa	
Break	65 MPa	
Tensile Elongation		ASTM D638
Yield	7%	
Break	110%	
Flexural Modulus	2300 Mpa	ASTM D790
Flexural Strength	93 MPa	ASTM D790

Impact	Nominal Value	Test Method
Notched Izod Impact	900 J/m	ASTM D256

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
HDT, 1.82 MPa, 3.2mm, Unannealed	124 C	ASTM D648
CTE, -40C to 95C, flow	1/C	ASTM E831

Flammability		
Flame Rating (1.5mm)	HB	UL 94

Injection Processing	Nominal Value
Drying Temperature	120 C
Drying Time	3 to 4 hours
Suggested Max Moisture	0.02%
Rear Temperature	290 to 310 C
Middle Temperature	300 - 320 C
Front Temperature	310 - 330 C
Nozzle Temperature	305 - 330 C
Processing (melt) Temperature	310 - 330 C
Mold Temperature	80 - 115 C
Back Pressure	.3 - .07 MPa
Screw Speed	40 to 70 rpm
Vent Depth	.025 - .076 mm

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