



MARPOL PMMA GP1.8 Ethylene Vinyl Acetate

PRODUCT DATA SHEET

General

- Availability
- Processing Method
- Description
- Global
- Injection & Extrusion
- General purpose Acrylic

Physical	Nominal Value	Test Method
Density/Specific Gravity	1.19	ASTM D792
Mechanical	Nominal Value	Test Method
Tensile Strength	10300 psi	ASTM D638
Elongation	4.20%	ASTM D638
Modulus of Elasticity	490000 psi	ASTM D638
Flexural Strength	17000 psi	ASTM D790
Flexural Modulus	490000 psi	ASTM D790
Impact	Nominal Value	Test Method
Notched Izod Impact	>.2 ft lb/in	ASTM D256
Impact Strength Falling Weight (1/8")	3 in-lb	ASTM D256
Rockwell Hardness	95 M scale	ASTM D785
Thermal	Nominal Value	Test Method
Vicat Softening Temp	215 F	ASTM D1525
Heat Deflection Temp Under Load (264 psi)	203 F	ASTM D648
Melt Flow Rate	1.8 g/10 min	ASTM D1238

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.





MARPOL
PMMA GP1.8
Ethylene Vinyl Acetate



PRODUCT DATA SHEET

Thermal	Nominal Value	Test Method
Coefficient of Linear Thermal Expansion (-30 to 30 C)	x 10E-5 mm/(mm-oC)	ASTM D696
Molding Shrinkage	.2-.6%	ASTM D955
Optical	Nominal Value	Test Method
Luminous Transmittance	92%	ASTM D1003
Haze	<2%	ASTM D1003
Refractive Index	1.49	ASTM D542
Flammability		
Flame Rating (1.5mm)	HB	UL 94

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

532 Broadhollow Road Suite 135 Melville, NY 11747 Tel: 631-629-4520 Fax: 631-629-4519