MARPOL
PMMA GP8
Ethylene Vinyl Acetate

PRODUCT DATA SHEET

General

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

Physical	Nominal Value	Test Method
Specific Gravity	1.19	ASTM D792

Mechanical	Nominal Value	Test Method
Tensile Strength	8500 psi	ASTM D638
Elongation	2.70%	ASTM D638
Modulus of Elasticity	420000 psi	ASTM D638
Flexural Strength	14800 psi	ASTM D790

Impact	Nominal Value	Test Method
Notched Izod Impact	.3 ft lb/in	ASTM D256
Impact Strength Falling Weight (1/8")	2 in lb	ASTM D256

Thermal	Nominal Value	Test Method
Vicat Softening Temp	215 F	ASTM D1525
Heat Deflection Temp Under Load (264 psi)	194 F	ASTM D648
Melt Flow Rate	8 g/10 min	ASTM D1238

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

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Thermal	Nominal Value	Test Method
Coefficient of Linear Thermal Expansion (-30 to 30 C)	6 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	<1%	ASTM D1003
Refractive Index	<1.0	ASTM D542

Flammability		
Flame Rating (1.5mm)	HB	UL 94

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