



**MARPOL**  
**PSM 6131**  
Medium Impact Polystyrene



**PRODUCT DATA SHEET**

PROPERTY	VALUE	ASTM
Melt Flow, 200°C-5 kg (g/min)	13	D 1238
Heat Distortion - Annealed (°F)	189	D 648
Vicat Softening (°F)	200	D 1525
Falling Dart (in-lb)	95	D 3029
Izod - notched (ft-lbs/in)	1.4	D 256
Tensile Strength (psi)	3600	D 638
Tensile Modulus (psi)	3.5	D 638
Tensile Elongation (%)	40	D 638
Flexural Strength (psi)	6600	D 790
Flexural Modulus (psi)	3.4	D 790
Gloss @ 60°	97	D 523
Density (g/cm <sup>3</sup> )	1.04	
Linear Shrinkage	.004 - .007	D 955

**Description:**

MARPOL® PSM 6131 is a medium impact polystyrene with well balanced physical properties. This is an excellent polymer for those high gloss applications.

**Recommended Applications**

Scale models, toys, housewares and containers requiring consistency from shot to shot.

This material complies with FDA requirements as described in 21 CFR 177.1640.

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility.