



**MARPOL**  
**HDM 507-UV**  
High Density Polyethylene



**PRODUCT DATA SHEET**

PROPERTY	VALUE	ASTM
Melt Index (190°C/ 2.16kg) (g/10 min)	7.0	D 1238
Density (g/cm <sup>3</sup> )	0.956	D 792
Tensile Strength at Break (psi)	2400	D 638
Tensile Strength at Yield (psi)	3000	D 638
Elongation at Break (%)	700	D 638
Tensile Modulus - 2% Secant (psi)	97000	D 638
Flexural Modulus (psi)	146000	D 790
Vicat Softening Point (°F)	256	D 1525
Notched Izod Impact -58°F (ft-lb/in)	1.2	D 256
Notched Izod Impact -73°F (ft-lb/in)	2.3	D 256

MARPOL® HDM 507 is a narrow molecular weight distribution copolymer resin that exhibits excellent toughness and impact strength. This is also designed for good stiffness and processability over a variety of molding conditions.

**Recommended Applications**

Industrial containers, pails, crates, cases and structural foam

**FDA Status**

Complies with U.S. FDA 21 CFR 177.1520 (c) 3.2a

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.