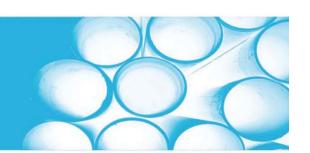
**MARPOL** 

High Density Polyethylene

**HDM 533** 





## **VALUE ASTM PROPERTY** Melt Index (190°C/ 2.16kg) (g/10 min) 33 D 1238 Density (g/cm<sup>3</sup>) 0.950 D 4883 **Deflection Temperature Under Load** D 648 133 at 66 psi - Unannealed (°F) **Deflection Temperature Under Load** 100 D 648 at 264 psi - Unannealed (°F) **Melting Temperature (°F)** 268 D 3418 Tensile Strength at Yield (psi) 3160 D 638 **Elongation at Break (%)** 56 D 638 Flexural Modulus - 1% Secant (psi) 109000 D 790B **ESCR (10% Igepal, F50)** < 2.0 hrs D 1693B Notched Izod Impact, - 40 °F (ft-lb/in) .84 D 256

MARPOL® HDM 533 is a narrow molecular weight hexene copolymer designed to maximize injection molding speed and productivity in thin wall articles. Lower processing temperatures enable production of products free of taste and odor for food and beverage packaging.

**Recommended Applications:** Food packaging containers, food service trays, houseware articles, housewares, and toys.

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.

