



**MARPOL**

**HDB 5000**

High Density Polyethylene



# PRODUCT DATA SHEET

PROPERTY	VALUE	ASTM
Melt Index (190°C/2.16kg) (g/10 min)	0.3	D 1238
Density (g/cm <sup>3</sup> )	0.95	D 792
Vicat Softening Temperature (°F)	257	D 1525
Tensile Strength at Yield (psi)	1000	D 638
Tensile Strength at Break (psi)	1500	D 638
Elongation at Break (%)	10	D 638
Flexural Modulus (psi)	1000	D 790
Environmental Stress Crack Resistance, Condition B, 100% Igepal (hr)	1000	D 1693
Izod Impact (ft-lb/in)	2.7	D 256

### Description

MARPOL® HDB 5000 is a high density polyethylene, gas phase blow molding resin. It features an excellent balance of physical and molding properties.

### Recommended Applications

Industrial chemical bottles, household chemical bottles, automotive fluid bottles, toys and pharmaceutical bottles.

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.