



MARPOL
HDB 507
High Density Polyethylene



PRODUCT DATA SHEET

PROPERTY	VALUE	ASTM
Melt Index (190°C/2.16kg) (g/10 min)	.73	D 1238
Density (g/cm ³)	0.963	D 4883
Brittleness Temperature (°F)	< -105	D 746
Vicat Softening Temperature (°F)	261	D 1525
Tensile Strength at Yield (psi)	5000	D 638
Elongation at Break (%)	350	D 638
Flexural Modulus (psi)	250000	D 790
ESCR 100% Igepal, Condition B (hr)	10	D 1693
Tensile Impact Strength (ft-lb/in ²)	60	D 1822

Description

MARPOL® HDB 507 is a medium molecular weight distribution high density polyethylene homopolymer. This resin exhibits excellent processing uniformity and produces bottles with great appearance and rigidity. This resin has superior barrier properties and imparts minimum odor and taste to the packaged product.

Recommended Applications

Food packaging, liquid food containers for milk, water and juice containers. Also good thermoformed parts.

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.