



MARPOL
HDB 50*
High Density Polyethylene



PRODUCT DATA SHEET

PROPERTY	VALUE	ASTM
Melt Index (190°C/2.16kg) (g/10 min)	" 0	D 1238
Density (g/cm ³)	0.9*'	D 4883
Brittleness Temperature (°F)	< -1\$)	D 746
Vicat Softening Temperature (°F)	2* %	D 1525
Tensile Strength at Yield (psi)	4) 00	D 638
Elongation at Break (%)	() \$	D 638
Flexural Modulus (psi)	2' 0000	D 790
Tensile Impact Strength (ft-lb/in ²)	+\$	D 1822
Environmental Stress Crack Resistance, Condition B, 100% Igepal (hr)	&\$	D 1693

Description

MARPOL® HDB 506 is a medium molecular weight, high density polyethylene with excellent stiffness and melt uniformity.

Recommended Applications

Food packaging, liquid food containers, milk containers, juice containers, water containers, thermoformed parts and thin gauge sheet.

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.