



# MARPOL HDB 504G

High Density Polyethylene - Gas Phase



# PRODUCT DATA SHEET

PROPERTY	VALUE	ASTM
Melt Index (190°C/2.16kg) (g/10 min)	0.34	D 1238
Density (g/cm <sup>3</sup> )	0.949	D 1505
Brittleness Temperature (°F)	<-103	D 746
Tensile Strength at Yield (psi)	3800	D 638
Elongation at Break (%)	500	D 638
Flexural Modulus (psi)	155000	D 790
Environmental Stress Crack Resistance, Condition B, 100% Igepal (hr)	250	D 1693

**Additives**  
Antistatic

#### Description

MARPOL® HDB 504G is a high density polyethylene, gas phase blow molding resin. It exhibits excellent impact resistance and is designed for applications that require outstanding ESCR.

#### Recommended Applications

Detergent bottles, industrial chemical bottles, household chemical bottles, industrial containers, large parts and recyclable containers.

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.



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