



MARPOL
HDM 506
High Density Polyethylene



PRODUCT DATA SHEET

PROPERTY	VALUE	ASTM
Melt Index (190°C/2.16kg)	4.0	D 1238
Density (g/cm ³)	0.945	D 4883
Deflection Temperature (°F) Under Load at 66 psi	160	D 648
Deflection Temperature (°F) Under Load at 264 psi	99.1	D 648
Brittleness Temperature (°F)	< -103	
Tensile Strength at Yield (psi)	3400	D 638
Elongation at Break (%)	1000	D 638
Flexural Modulus, 1% Secant (psi)	155000	D 790B
ESCR 10% Igepal, F50 (hr)	90	D 1693B
Notched Izod Impact Strength, ft.lb/in (- 40°F)	1.8	D 256
Durometer Hardness	62	
Vicat Softening Temperature (°F)	250	

Recommended Applications: Industrial caps and closures, industrial pails, packaging drum lids, recreational vehicle components.

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.

