



MARPOL

HDB 501 Powder

High Density Polyethylene



PRODUCT DATA SHEET

PROPERTY	VALUE	ASTM
Melt Index (g/10 min)	.02-.08	D 1238
Density (g/cm ³)	.945-.947	D 792
Melting Point °C	26	D 3417
Tensile Strength at Yield (psi)	3800	D 638
Elongation at Break (%)	600	D 638
Flexural Modulus (psi)	175500	D 790
Notched Izod Impact Strength (ft-lb/in notch)	10.0	D 256

Processing Types: Compounding, Blown Film, Blow Molding and Extrusion

Processing Recommendations:

Blow Molding Temperature 370-450 (°F)

Extrusion Melt Temperature 380-480 (°F)

Applications: Compounding, industrial parts, pallets and large foam parts suitable for food packaging.

MARPOL® HDP 501 Powder comes in powder form and can - in principle - be used in food contact applications in the USA (FDA) and Canada (HBP). Migration and use limitations may apply.

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.