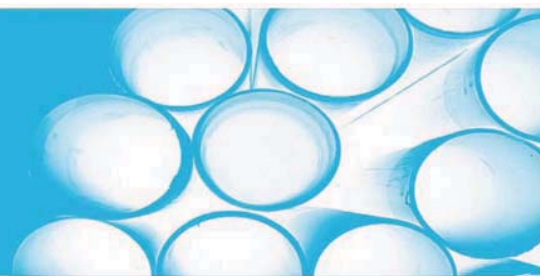




MARPOL
HDM 544
High Density Polyethylene



PRODUCT DATA SHEET

PROPERTY	VALUE	ASTM
Melt Index (190°C/ 2.16kg) (g/10 min)	44	D 1238
Density (g/cm ³)	0.951	D 792
Tensile Strength at Break (psi)	3900	D 638
Tensile Strength at Yield (psi)	3900	D 638
Elongation at Break (%)	10	D 638
Elongation at Yield (%)	5.0	D 638
Flexural Modulus, 2% (psi)	148000	D 790B
Brittleness Temperature (°F)	-98.0	D 746
Tensile Impact Strength (ft-lb/in ²)	40.0	D 1822
Vicat Softening Temperature (°F)	253	D 1525
Deflection Temp. Under Load (°F)	160	D 746
Hardness, Shored D	64	D 2240

MARPOL® HDM 544 is an HDPE resin designed for use in a broad range of injection molding applications. This resin displays an excellent balance of toughness, stress crack resistance and processability.

Recommended Applications

Housewares, toys, food containers and pails

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.