



MARPOL
HDM 5011
 High Density Polyethylene



PROPERTY	VALUE	ASTM
Melt Index (190°C/2.16kg)	11.5	D 1238
Density (g/cm ³)	0.952	D 1505
Durometer Hardness	63	D 2240
Vicat Softening Temperature (°F)	255	D 1525
Brittleness Temperature (°F)	< -103	D 746
Tensile Strength at Yield (psi)	3900	D 638
Elongation at Break (%)	900	D 638
Flexural Modulus, 1% Secant (psi)	185000	D 790
ESCR 100% Igepal, F50 (hr)	15	D 746

Recommended Applications: Toys, food pails, automotive applications, closures and housewares

Description: This is a high density polyethylene with good flow, excellent impact strength, good stiffness and durability. This is recyclable and sustainable.

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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