



MARPOL
HDM 506.5
High Density Polyethylene



PRODUCT DATA SHEET

PROPERTY	VALUE	ASTM
Melt Index (190°C/2.16kg)	6.6	D 1238
Density (g/cm ³)	0.953	D 1505
Durometer Hardness	62	D 2240
Vicat Softening Temperature (°F)	250	D 1525
Brittleness Temperature (°F)	< -103	D 646
Tensile Strength at Yield (psi)	4100	D 638
Elongation at Break (%)	950	D 638
Flexural Modulus, 1% Secant (psi)	185000	D 790
ESCR 100% Igepal, F50 (hr)	20	D 1693

Recommended Applications: Industrial pails, pail lids, automotive applications and formed parts

Description: This is a high density polyethylene with moderate 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.