

TYPICAL PROPERTIES OF MARINE GRADE HDPE (SEABOARD®)		
ASTM or UL test	Property	Value
PHYSICAL		
D1505	Density (g/cm ³)	0.960
D1238	Melt Index (g/10 min.)	0.7
D2240	Hardness, Shore D	68
D1693	Environmental Stress Crack (hrs.)	0.25
D2561	Resistance, F50 (hrs.)	>500
MECHANICAL		
D638	Tensile Strength @ Break (psi)	4,400
D638	Elongation @ Break (%)	>600
D790	Flexural Modulus (psi)	220,000
D1822	Tensile Impact (ft-lb/in)	100
THERMAL		
D746	Low Temperature Brittleness, F50 (°C)	<-76
D648	Heat Deflection Temperature @ 66 PSI (°C)	78.0
D1525	Vicat Softening Point (°C)	125.0

These products are available from

