

# Starboard HDPE Product Data



<b>TOLERANCES</b>	
Gauges	Both width and length
1/4" - 1-1/2" ± 5%	Plus Only

<b>PROPERTY</b>	<b>UNITS</b>	<b>ASTM</b>	<b>NOMINAL VALUE*</b>
Density	g/cc	D1505	.955
Tensile Strength @ Yield	p.s.i.	D638	>4000
Tensile Strength @ Break	%	D638	>600
Flexural Modulus	p.s.i.	D790	185,000
Durometer	Shore D	D2240	68
Tensile Impact	ft.lbs./in. <sup>2</sup>	D1822	115
Brittleness Temp.	°C	D746	<-76
Vicat Softening Temp.	°C	D1525	123
Heat Deflection Temp. 66PSI	°C	D648	75
Co-efficient of Linear Thermal Expansion	in./in./°F	D696	6x10 <sup>-5</sup>

\*All values are determined on specimens prepared according to ASTM D 4976. Nominal values should not be interpreted as specifications