



PHYSICAL PROPERTIES

HDPE

SHEETS

Tolerances

Gauges	Both width and length
1/8" - 3/4" +/- 5%	Plus Only
1" - 1-1/2" -5% +10%	
1-3/4" AND OVER +ONLY	

Property	Units	ASTM	Nominal Value*
Density	g/cc	D1505	.955
Tensile Strength @ Yield	p.s.i.	D638	>4100
Elongation @ Break	%	D638	>600
Flexural Modulus	p.s.i.	D790	185,000
Durometer	Shore D	D2240	69
Tensile Impact	ft. lbs./in ²	D1822	115
Brittleness Temp.	°C	D746	<-76
Vicat Softening Temp.	°C	D1525	125
Heat Deflection Temp. 66PSI	°C	D648	73
Co-efficient of Linear Thermal Expansion	in./in./°F	D696	6x10 ⁻⁵

*All values are determined on specimens prepared according to ASTM testing procedures (if applicable). Nominal values should not be interpreted as specifications.



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