

PlasTEAK Fencing Specifications

Properties of High-Density Polyethylene

Property:	ASTM #	Typical Values
Density (lbs./Cu. In.).....	D6111.....	0.0023 – 0.0028
Compression (psi@0.4").....	D6108.....	3000 – 3100
Tensile (psi).....	D638.....	2100 – 2600
Flexural Strength (psi).....	D6109.....	2000 – 3000
Tangent Modulus.....		216,000 – 222,000
Coef. Thermal Expansion (in/in/deg)..	D696.....	.00007
Vicat Softening Point (F).....	Chevron Chemical.....	150 – 160 (F)
Brittleness Point (F).....	Chevron Chemical.....	(-100) – (-104) (F)