



BEAR BOARD

COMMERCIAL PLASTIC LUMBER

TECHNICAL SPECIFICATIONS

ASTM TEST RESULTS

Compressive Strength (psi) @2.6% Strain	1287
Compressive Modulus (psi)	62600
Flexural Strength (psi) @ 3% Strain	1200
Flexural Modulus (psi)	61700
Specific Gravity	0.694
Density (g/cm ³)	0.692
Density (lbs/ft ³)	43.2
Nail Withdrawal (lbf)	184
Screw Withdrawal (lbf)	360
Linear Thermal Expansion (in/in) ^{°F}	0.000044
Shear Strength (psi)	1440

We recommend 24" span distance for 2x6 boards and 16" for 5/4x6 boards. These spans are for residential use only and we recommend 16" on-center and 12" on-center for all commercial applications.