



## Technical Data for Molded Plastic Lumber

Molded Lumber is made to use in a wide variety of project applications and it is offered in many different sizes and colors.

Some typical applications for this grade of plastic lumber include:

- ~ Park Benches
- ~ Dunnage
- ~ Picnic Tables
- ~ Cribbing
- ~ Landscape Borders
- ~ Dry Dock Blocks

Properties	ASTM	Value/Units
Specific Gravity	D6111	0.86
Flexural Strength	D6109	1,355
Flexural Modulus (Secant, at 1% strain)	D6109	96 ksi
Compressive Strength (Perpendicular to grain)	D6108	650 psi
Compressive Modulus (Perpendicular to grain, Secant, at 1% strain)	D6108	10 ksi
Coefficient of Thermal Expansion	D6341	0.0000551 in/in/°F
Static Coefficient of Friction - Dry	D2047	0.85 average
Static Coefficient of Friction - Wet	D2047	0.97 average
Impact Resistance (Izod)	D256	2.64 ft-lb/in
Water Absorption	D570	0.27% max by weight
Screw Withdrawal	D6117	600 lbs
Useful Temperature Range		-40°F to +140°F

All above values shall be considered average except flexural strength. This value must have appropriate reduction factors set by the engineer of record.