



## Technical Data

### SelectForce™ Extruded Plastic Lumber

Test Methods	ASTM Test	English Units		Metric Units	
		Value	Units	Value	Units
Flexural Strength	D6109	1791	PSI	125	kg/cm <sup>2</sup>
Flexural Modulus	D6109	99500	PSI	6982	kg/cm <sup>2</sup>
Specific Gravity	D6111	41.5	Lbs./ft <sup>3</sup>	0.67	g/cc
Flash Point		644	° F	340	° C
Thermal Expansion	D6341	0.000058	In/In/° F		
Friction - Dry	C1028	0.37		0.37	
Friction - Wet	C1028	0.46		0.46	
Friction - Embossed Dry	C1028	0.51		0.51	
Friction - Embossed Wet	C1028	0.55		0.55	
Average Screw Pull Out	D6117	511	Lbs.	231	kg
Average Nail Pull Out	D6117	145	Lbs.	66	kg

The technical data on this page represents only average values and not minimum values. Safety factors must be added into the design.

### Chemical Resistance

High-Density Polyethylene has a high resistance to most acids and chemicals. Bedford Plastic Lumber has a high tolerance to exposure by most substances.

### Ultraviolet Weathering

An ultraviolet stabilizer is added at the time of manufacture to help protect against ultraviolet degradation of the plastic surface in exterior applications.





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