

Arboron TECHNICAL DATA BULLETIN

GRADE: U. L. LISTED: No

Arboron is composed of papers impregnated with melamine and phenolic thermosetting resins, consolidated under high pressure and temperature into dense, uniform sheets with good electrical and mechanical properties. The melamine surface of Arboron provides excellent chemical and abrasion resistance. It's very high strength-to-weight ratio and relative ease of fabrication make Arboron your first choice for new designs.

TYPICAL PROPERTIES

GENERAL PHYSICAL PROPERTIES	UNITS	VALUE
Density	Lbs./ft ³	86.4
Moisture Absorption	%	0.90
Rockwell Hardness	M Scale	113
Tensile Strength	psi	MD – 22,000 CD - 14,000
Flexural Strength	psi	MD 30,000 CD 24,000
Bond Strength	psi	2,000
Izod Impact Strength	Ft-lb/in	MD- 1.0 CD – 0.82
Compressive Strength	psi	Flat – 45,000 Edge – 26,000
Temperature	°C	95
Flame Resistance061"240"	UL94	HB VO

This data, while believed to be accurate and based on reliable analytical methods, is for informational purposes only. Data supplied above are "typical values"; not to be considered "specification values".

It is the responsibility of the users of this information to make sure that they have the latest version of this TDB, and are urged to check with Customer Service to determine if information is most current.

The temperature is a recommendation only. The maximum operating temperature is dependent upon the application and should be tested accordingly.