



Product: Kevlar Sheet

Technical Data LNP193P

Colour Natural Brown

Thickness: 3,2mm to 16mm

Description: This material is impregnated with a high temperature phenolic resin, which produces a composite with excellent mechanical strength at elevated temperatures.

General Physical Properties	Units	Value
Specific Gravity		1.65
Moisture Absorption (0,5")	%	1.20
Flexural Strength (0,5") LW	PSi	32100
Flexural Strength (0,5") CW		15300
Hot Flexural Strength (0,5") LW	PSi	33000
Hot Flexural Strength (0,5") CW		15000
IZOD Impact strength E-48/50	ft - lb/in	18.7
	Notched	6.1
Compressive strength flat wise	PSi	42000
Bond Strength (PERP) (0,5")	lb	2200
Maximum Operating Temperature	°C	200
Breakdown Voltage - Cond. A	kv	67.0
(0,5") - D -48/50		12.5
Permittivity - A (0,5") - D - 24/23		5.30
Dissipation Factor (0,5") D24/23		0.030

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".