



D.C. WORT COMPOSITES cc

PLASTICS

COMPOSITES

LAMINATES

Product: Cotton Phenolic Sheet

Technical Data: LNP342 BN HT

Colour: Natural Dark Brown

Thickness: 3.2mm To 16mm

Description: Fine weave canvas material, heat stabilised, machines cleanly, engineered not to shrink. With excellent impact and bond strength with little creep.

General Physical Properties	Units	Value
Specific Gravity		1.35
Rockwell Harness (,125")	M Scale	100
Moisture Absorption (,125")	%	1.70
Flexural Strength (,125") LW	Psi	23000
Flexural Strength (,125") CW		20000
Flexural Modulus (,125") LW	KPSi	1700
Flexural Modulus (,125") CW		1300
Tensile Strength (,125") LW	Psi	12700
Tensile Strength (,125") CW		10900
IZOD Impact strength E-48/50 (,125")	ft - lb/in Notched	2,5
Compressive strength flat wise (,125")	PSi	37000
Shear Strength (PERP) (,125")	PSi	16000
Maximum Operating Temperature	°C	130
Flammability Rating - U.L. 94	Class	HB
Breakdown Voltage - Cond. A	kv	55
(,125") - D -48/50		4
Permittivity - A		0.04
(,125") - D - 48/50		0.065
Dissipation Factor - A		4.20
(,125") - D - 48/50		4,80

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".