

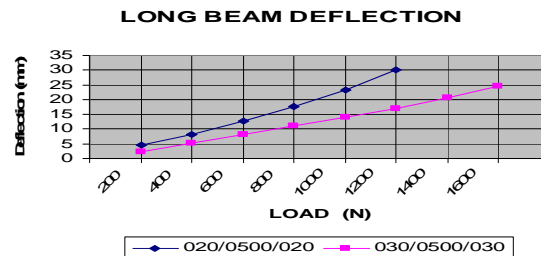


## FLITELAM GM3 PRODUCT DATA SHEET

PROPERTY	TEST METHOD	PANEL TYPE	
		020/0500/020	030/0500/030
AREAL WEIGHT (kg/m <sup>2</sup> ) (lb/ft <sup>2</sup> )		3.1	4.3
		0.6	0.9
THICKNESS (mm) (in)		13.5	14.2
		0.54	0.6
LONG BEAM COMP (N)	AMS STD 401	1700	1814.0
TRANSVERSE (lb)		382	408.0
LONG BEAM COMP (N)	AMS STD 401	1422	2178
LONGITUDINAL (lb)		320	490
SHORT BEAM SHEAR (N)	AMS STD 401	1900	2045
TRANSVERSE (lb)		427	460
SHORT BEAM SHEAR (N)	AMS STD 401	2859	2594
LONGITUDINAL (lb)		643	583
PEEL (N/76mm)	AMS STD 401	111	145
TRANSVERSE (lb/3")		25	32
PEEL (N/76mm)	AMS STD 401	115	181
LONGITUDINAL (lb/3")		26	41
CORE COMP. (N/mm <sup>2</sup> )	AMS STD 401	1.3	1.5
(lb/in <sup>2</sup> )		191	218

### EFFECT OF REPEATED OVEN CURES - 100 CURES AT 130-150°C

LONG BEAM COMP (N)	AMS STD 401	1699	2205
LONGITUDINAL (lb)		382	496
SHORT BEAM SHEAR (N)	AMS STD 401	2478	2887
LONGITUDINAL (lb)		557	649
PEEL (N/76mm)	AMS STD 401	94	162
LONGITUDINAL (lb/3")		21	36



Long Beam Compression - 24" x 3" specimen, 4 pt. load, 20" support span, 10" load span

Short Beam Shear - 8" x 3" specimen, 3 pt. load, 4" support span, centre point loading