

TECHNICAL DATA SHEET - SYNDANIO

PROPERTY		UNIT	NOMINAL	THICKNESS	(MM)
			3.0-5.0	6.4-12.5	over12.5
Density	(Nominal)	gms/cc	1.95	1.95	1.95
Tensile Strength	(min.)	kgf/cm2	200	190	180
Shear Strength	(min.)	kgf/cm2	400	380	350
Flexurel Crusing	(min.)	kgf/cm2	450	410	350
Uitimate Crusing	(min.)	kgf/cm2	1500	1400	1250
Compression Yie	(min.)	%	5	4	3.5
Water Absorptio	(min.)	%	15	14	13
Dielectric Strengt	(min.)	kV/mm	1.7	1	0.8
Surface Breakdov	(min.)	kV	>10	>10	>10
Carbon Arc Test		secs.	60	80	80
Spirit Burner Test	DOES NOT IGNITE				
Thermal Conductivity		kcal/mh0C	0.06	0.06	0.06
Continous Temp. Usage		0C	350	350	350
HD Grades meet the requirements of BS 3497 : 1979 & IS 4248 : 1967 (Clsss 1)					
1200X1050 mm (trimmed).Special sizes on request					
Nominal Thickness	Tolerance	App.wt.per sheet	Nominal Thickness	Tolerance	App.wt.per sheet
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
3.1	±0.25	7.5	20	±0.25	49
4.9	±0.25	12	25	±0.25	61
6.4	±0.25	15.5	31.75	±0.40	77

8	± 0.25	19.5	38	± 0.40	93
9.5	± 0.25	23	50	± 0.40	122
12.75	± 0.25	31	63.5	± 0.50	155
16	± 0.25	39	76	± 0.50	185