

# PERFORMANCE PROPERTIES

## TYPE - POST-FORMING LAMINATE (VGP)

S.No.	Properties	Unit	Specified value NEMA LD 3-2005	Greenlam Typical value
1	Thickness	mm (in)	0.7± 0.10 (0.028± 0.004)	0.7± 0.05 (0.028± 0.002)
2	Appearance		No ABC Def.	No ABC Def.
3	Light resistance	Rating(min.)	Slight effect	Slight effect
4	Cleanability	Rating(max)	20	10 - 15
5	Stain Reagents 1 - 10 Reagents 11 - 15	Rating(min.)	No Effect Moderate Effect	No effect Slight effect
6	Boiling Water Resistance	Rating(min.)	Slight effect	No effect
7	Scratch Resistance	N (min)	2.0	2.5
8	High Temperature Resistance	Rating	Slight effect	Slight effect
9	Ball Impact Resistance	mm (in) min	508 (20")	635 (25")
10	Dart Impact Resistance	mm (in) min	200 (08")	254 (10")
11	Radiant Heat Resistance coil Method	Sec.(min)	80	90
12	Dimensional Change:-			
	a) Machine Direction	%(max)	1.1	0.45
	b) Cross Direction	%(max)	1.4	0.70
13	Room Temperature Dimensional Stability			
	a) Machine Direction	%(max)	1.0	0.40
	b) Cross Direction	%(max)	1.3	0.55
14	Wear Resistance	Cycles (min)	400	700
15	Formability	mm(in) Radius Min.	13 (1/2")	9.5 (3/8")
16	Blister Resistance	Sec.(min)	40	45