

MECHANICAL PROPERTIES

PRODUCT NAME :-

12 MIL SAFETY FILM

Sr No	Film Property	Unit	Nominal Values
1	Tensile Strength at Break (MD)	Kg/cm ²	2000
		PSI	28446
2	Break Load (MD)	Kg/cm	68
3	Elongation at Break (MD)	%	170
4	Peel Strength (After curing)	Grams/inch	2500
5	Impact Test		
a)	BS - 6206 Test	Class A/B/C	Class A
b)	BSEN - 12600 Test	Class 1/2/3 B	Class 1B
c)	ANSI - Z - 97.1 Test	Class A/B/C	Class A
d)	BSEN - 356	P1A to P5A	
	a] 6 mm plain glass		P2A
	b] 6.4 mm PVB laminated glass		P2A
	c] 6.8 mm PVB laminated glass		P3A
6	Abrasion Resistance 100 cycles Haze addition	---	< 5 %

Note :- The vlaues given above are representative of actual production and may vary from batch to batch.