KlaLiner®

Klaliner® is produced from eucalyptus and pine unbleached virgin fibers. This mix of short and long fibers ensures to this paper greater strength as well as excellent stability and performance on both corrugators and printers.

Klaliner® fibers are sourced from sustainably-managed forests.

All this makes Klaliner® your best option for packaging application, especially for food.

Property	Unit	Method	Typical values														
Basis Weights	g/m^2	Tappi T-410 or ISO 536	90	100	110	125	135	150	170	186	200	240	280	300	400	420	440
	$lb/1000ft^2$	Calculated	18.4	20.5	22.5	25.6	27.6	30.7	34.8	38.1	41.0	49.2	57.3	61.4	81.9	86.0	90.1
Moisture	%	On-line	7.5														
Air Resistance (Gurley)	s/dL	Tappi T-460 or ISO 5636-5	35														
Cobb (120s)	gH_2O/m^2	Tappi T-441 or ISO 535	40														
Burst	kPa	≤ 200 g/m2: TAPPI T-403 or ISO 2758 > 200 g/m2: TAPPI T-807 or ISO 2759	410	420	435	500	575	610	715	750	810	1030	1170	1200	1350	1380	1430
SCT CD	kN/m	Tappi T-826 or ISO 9895	2.10	2.20	2.30	2.60	2.70	3.00	3.40	3.60	4.10	4.45	5.20	5.50	7.45	7.80	8.20
RCT CD	kN/m	Tappi T-822 or ISO 12192	0.70	0.90	1.10	1.40	1.50	1.70	2.15	2.40	2.65	3.20	3.85	4.10	5.30	5.40	5.60

NOTES:

1 – Lab. Conditions: 23º +/- 1ºC and 50% +/- 2% RH;
2 – Specification valid for PM 1, 6, 12 and 13;
3 – PM 6: single ply machine;
4 – The numbers above correspond to typical values;
5 – Maximum basis weight tolerance: +/- 3.5%;
6 – Klaliner is not suitable for sheeting process.

CERTIFICATES:

– Quality Management ISO 9001:2015;
– Environmental Management ISO 14001:2015;
– Health and Safety ISO 45001:2018;
– FSC® - Forest Stewardship Council;
– FDA, CFR 21, §176.170 and 176.180;
– Recomendation XXXVI – BfR;
– Regulation (EC) N° 1935/2004;
– Directive 2011/65/EC;
– Directive 94/62/EC.

Available upon request.