



Cartiera del Chiese S. p. A.

BROWN KRAFT STANDARD - KAL												
Property			Typical values									Test Method
Grammage	gr/m ²		50	60	70	80	90	100	110	120	145	ISO 536
Tensile strength	KN/m	MD	3.25	3.90	4.60	5.20	5.90	6.55	7.20	7.80	9.50	ISO 1924/3
		CD	2.05	2.45	2.90	3.30	3.70	4.10	4.50	5.05	5.95	
Lenght Strength	m	MD	6660	6660	6660	6660	6660	6660	6660	6660	6660	ISO 1924/3
		CD	4200	4200	4200	4200	4200	4200	4200	4200	4200	
Stretch	%	MD	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	ISO 1924/3
		CD	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	
Tea	J/m ²	MD	50	60	75	90	100	110	120	132	160	ISO 1924/3
		CD	115	145	160	185	210	220	240	264	320	
		AVG	75	95	110	130	145	155	170	186	225	
Tea index	J/gr		1.50	1.58	1.60	1.60	1.60	1.55	1.55	1.55	1.55	ISO 1924/3
Tear resistance	mN	MD	720	760	860	990	1120	1320	1450	1580	1900	ISO 1974
		CD	640	730	870	1010	1140	1360	1520	1630	1970	
Cobb	gr		25	25	25	26	26	26	26	26	26	ISO 535
Air resistance	Sec	100 ml	8	10	14	16	18	19	20	22	24	ISO 5636/5
Air Burst	bar		2.40	2.80	3.20	3.60	4.00	4.40	4.80	5.20	5.45	ISO 2758
Friction	rad		0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	UNI 9802

NOTES:

MD=Machine Direction, CD=Cross Direction, AVG=Average

Tolerances: grammage \pm 3%, Tensile strength \pm 10%, Stretch \pm 10%, TEA & TEA Index \pm 15%

Approvals: The paper fulfils the German, Italian and FDA regulations for papers in contact with dry, moist and fatty foodstuff.