TECHNICAL SPECIFICATIONS - WHITE KRAFT

Approved for contact with foods according to:			
BfR XXXVI	FDA Regulation §§ 176.170**	FDA Regulation §§ 176.180**	CONEG (Heavy metal content)
●	●	●	●

Environmental Parameters							
Carbon Footprint	Water [kg/t]				Air [kg/t]		Energy [kWh/t]
[kg/t]	COD	AOX	N_{Total}	P_{Total}	NO_x	SO_2	Electricity Consumption
450-500	10,5	0,1	0,08	0,032	1,86	0,045	677

Certificates				
PEFC	FSC	Quality Management System	Environmental Management System	Safety Management System
●	On request	ISO 9001:2008	ISO 14001:2004	OHSAS 18001:2007

Technical Values														
		Unit	Method	Typical values										
Basis weight		g/m²	ISO 536	30	35	40	45	50	60	70	80	90	100	110	120
Thickness		µm	DIN 53105	44	50	55	61	67	78	89	100	111	125	134	145
Brightness	Standard	%	DIN 53145	82	82	82	82	82	82	82	82	82	82	82	82
	Bright			91	91	91	91	91	91	91	91	91	91	91	91
Opacity		%	DIN 53146	50	55	59	63	67	73	78	81	83	87	87	87
Tensile strength			DIN 53112/1												
MD (Machine direction)		kN/m		2,5	2,9	3,3	3,8	4,2	5,0	5,8	6,7	7,5	8,3	9,2	10,6
CD (Cross direction)		kN/m		1,1	1,3	1,5	1,7	1,9	2,3	2,7	3,1	3,4	3,8	4,2	4,6
Burst strength		kPa	DIN 53141	103	126	150	173	197	244	291	338	385	432	479	526
Tear strength			DIN 53128												
MD (Machine direction)		mN		190	248	305	363	420	535	650	765	880	995	1110	1225
CD (Cross direction)		mN		214	287	359	432	504	649	794	939	1084	1229	1374	1519
Bekk smoothness			ISO 5627												
TS (Top side)		s		277	265	253	240	228	204	180	155	131	107	82	58
RS (Reverse side)		s		15	15	15	15	10	10	10	10	10	10	10	10
Air resistance Gurley		s/100ml	ISO 5636/5	25	27	30	35	40	45	50	50	50	50	50	50
$Cobb_{60s}$		g/m²	DIN 53132	25	25	25	25	25	25	25	25	25	25	25	25