

Kraft Paper Specifications

Bleached Bag



Grade Availability by Basis Weight

Conditioned Basis Weight										Units	Method
Nominal	30.0	33.0	35.0	38.0	40.0	50.0	60.0	65.0	70.0	lb/3000 sq. ft.	T-410
Reject Below	28.5	31.4	33.3	36.1	38.0	47.5	57.0	61.8	66.5	lb/3000 sq. ft.	T-410
Reject Above	31.5	34.7	36.8	39.9	42.0	52.5	63.0	68.3	73.5	lb/3000 sq. ft.	T-410
Brightness											
Reject Below	74	74	74	74	74	74	74	74	74	percent	ISO2469
Moisture Content											
Nominal	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	percent	T-412
Reject Below	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	percent	T-412
Mullen											
Reject Below	16	17	18	21	22	30	36	39	43	psi	T-807
Tear											
MD Tear – Reject Below	42	50	55	63	68	86	110	119	128	gf (16-plyes)	T-414
Total Tear – Reject Below	76	90	100	108	126	170	210	227	256	gf (16-plyes)	T-414
HST (70%)											
Reject Below	40	40	40	40	40	40	40	40	40	seconds	T-530

For more information, please contact your WestRock representative or visit our website at westrock.com.

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Certificates Codes: SFI Certified Sourcing: NSF-SFI-CS-6S751, SFI CoC: NSF-SFICOC-6S751, PEFC: NSF-PEFCCOC-6S751 FSC Company Code: FSC-C104002

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Kraft Paper Specifications

Bleached Bag – Wet Strength



Grade Availability by Basis Weight

Conditioned Basis Weight			Units	Method
Nominal	30.0	35.0	lb/3000 sq. ft.	T-410
Reject Below	28.5	33.3	lb/3000 sq. ft.	T-410
Reject Above	31.5	36.8	lb/3000 sq. ft.	T-410
Brightness				
Reject Below	74	74	percent	ISO2469
Moisture Content				
Nominal	5.0	5.0	percent	T-412
Reject Below	2.5	2.5	percent	T-412
Mullen				
Reject Below	16	18	psi	T-807
Tear				
MD Tear Reject Below	42	55	gf (16-plies)	T-414
Total Tear Reject Below	76	100	gf (16-plies)	T-414
HST (70%)				
Reject Below	40	40	seconds	T-530

Reject specifications are mill reject levels which are based on TAPPI standard minimum testing for average roll values.

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Kraft Paper Specifications

Kraft Bag



Grade Availability by Basis Weight

Conditioned Basis Weight						Units	Method
Nominal	37.0	40.0	50.0	60.0	70.0	lb/3000 sq. ft.	T-410
Reject Below	35.2	38.0	47.5	57.0	66.5	lb/3000 sq. ft.	T-410
Reject Above	38.9	42.0	52.5	63.0	73.5	lb/3000 sq. ft.	T-410
Moisture Content							
Nominal	5.0	5.0	5.0	5.0	5.0	percent	T-412
Reject Below	2.5	2.5	2.5	2.5	2.5	percent	T-412
Mullen							
Nominal	20	22	30	36	43	psi	T-807
Tear							
MD Tear Reject Below	58	63	86	110	128	gf (16-plyes)	T-414
Total Tear Reject Below	100	114	--	--	--	gf (16-plyes)	T-414
HST (70%)							
Reject Below	14	14	19	24	24	seconds	T-530

1-10% Recycle

Reject specifications are mill reject levels which are based on TAPPI standard minimum testing for average roll values.

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Kraft Paper Specifications

Recycled Kraft Bag



Grade Availability by Basis Weight

Conditioned Basis Weight																	Units	Method
Target	30.0	33.0	35.0	38.0	40.0	50.0	55.0	57.0	60.0	63.0	65.0	66.0	70.0	75.0	78.0	90.0	lb/3000 sq. ft.	T-410
Moisture Content																		
Target	7.8	7.8	7.8	7.8	7.8	7.8	7.8	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	percent	T-412
Range (+/-)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	percent	T-412
Caliper																		
Average	3.6	3.8	4.1	4.3	4.4	5.3	5.8	6.0	6.3	6.7	6.7	6.9	7.3	7.7	8.2	9.3	mils	T-411
Mullen																		
Target	15	17	18	20	22	27	29.9	31	32	33	34	35	37	38	40	47	psi	T-403
Minimum	13	14	16	17.1	18	23.5	26.1	27	28	30	31	31.5	33	34	35		psi	T-403
Tear																		
MD Tear – Target	45	51	51	55	58	74	91.7	95	100	105	110	112	120	126	130	155	gf	T-414
MD Tear – Minimum	38.6	41.9	44.3	48.7	50.9	66.5	73.8	76.5	81	85	88	90	97.1	105	109		gf	T-414
CD Tear – Target	56	63	67	73	78	105	108	112	114	119	123	125	135	148	150	190	gf	T-414
CD Tear – Minimum	51.7	56.5	62.3	63	64.2	88.3	96	100	106	111	114	116	120	132	135		gf	T-414
Tensile																		
MD – Target	18	20.5	22	24	26	31	32.8	34	35	36	37	37	38	40	42	48	lbsf/in	T-494
MD – Minimum	16	18.5	19.8	21	22.2	27	28.9	30	31	32	33	33	34	36	36		lbsf/in	T-494
Cobb 2 Minute																		
Average	38	38	38	38	38	38	38	38	38	38	38	38	39	39	39	39	g/m ²	T-441

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