

PT. INDAH KIAT PULP & PAPER Tbk.

Specification of WoodFree Paper

March 1, 2021

Physical Properties

No	Description	UNIT	Test Reference	Basis Weight (gsm)										
				60	68	70	75	78	80	90	100	110	120	
1	Basis Weight	gr/m2	ISO 536	60 ± 4 %	68 ± 4 %	70 ± 4 %	75 ± 4 %	78 ± 4 %	80 ± 4 %	90 ± 4 %	100 ± 4 %	110 ± 4 %	120 ± 4 %	
2	Thickness	µm	ISO 534 : 1998	78 ± 4	88 ± 4	91 ± 4	98 ± 4	101 ± 4	104 ± 4	117 ± 4	128 ± 4	145 ± 4	158 ± 4	
3	Moisture Content	%	T 412 OM - 11	5.0 - 5.5										
4	Opacity	%	ISO 2471	≥ 86.0									≥ 90.0	
5	Smoothness Bekk	W	T 479 OM - 09	15.0 - 35.0										
		F		15.0 - 35.0										
6	Stiffness Bending (15°)	MD	T 556 OM - 11	≥ 0.12	≥ 0.20	≥ 0.22	≥ 0.26	≥ 0.30	≥ 0.32	≥ 0.40	≥ 0.50	≥ 0.70	≥ 0.80	
		CD		≥ 0.06	≥ 0.09	≥ 0.11	≥ 0.13	≥ 0.16	≥ 0.16	≥ 0.20	> 0.25	≥ 0.35	≥ 0.40	

Optical Properties

No	Description	UNIT	Test Reference	Grade Color	
					Bluish White
1	Brightness	%	ISO 2470	95.0 ± 1	
2	CIE Whiteness	%	ISO 11475	160.0 ± 3	

TESTING CONDITION (T 402 sp 08)
 TEMPERATURE 23 ± 1 °C
 RELATIVE HUMIDITY 50 ± 2 %

QUALITY CONTROL HEAD




Andi Wibowo