



PT. PABRIK KERTAS TJIWI KIMIA
SPECIFICATION OF
WOOD FREE SINAR ROYAL WHITE

Physical Test	Test Method	*Basic-Weight*(g/m ²)											
Kind of Test	Reference	50	56	58	60	65	70	74	75	80	89	90	
Grammage, g/m ²	T410 om-98	50 ± 4%	56 ± 4%	58 ± 4%	60 ± 4%	65 ± 4%	70 ± 4%	74 ± 4%	75 ± 4%	80 ± 4%	89 ± 4%	90 ± 4%	
Thickness, µm	T411 om-97	64 ± 3	72 ± 3	75 ± 3	77 ± 4	85 ± 4	90 ± 4	95 ± 4	96 ± 4	102 ± 4	111 ± 4	112 ± 4	
Roughness, ml/min	ISO 8791/2/90	200 ± 50	200 ± 50	200 ± 50	200 ± 50	200 ± 50	200 ± 50	200 ± 50	200 ± 50	200 ± 50	200 ± 50	200 ± 50	
Brightness, %ISO (C/2°)	ISO 2470-1999	93 ± 1	93 ± 1	93 ± 1	93 ± 1	93 ± 1	93 ± 1	93 ± 1	93 ± 1	93 ± 1	93 ± 1	93 ± 1	
Opacity, %	ISO 2471-1999	≥ 76	≥ 78	≥ 79	≥ 80	≥ 83	≥ 85	≥ 86	≥ 87	≥ 88	≥ 89	≥ 89	
Stiffness, mN.m	T535 om-96	MD	≥ 0.08	≥ 0.10	≥ 0.11	≥ 0.12	≥ 0.18	≥ 0.22	≥ 0.25	≥ 0.26	≥ 0.32	≥ 0.39	≥ 0.40
		CD	≥ 0.04	≥ 0.05	≥ 0.05	≥ 0.06	≥ 0.08	≥ 0.11	≥ 0.12	≥ 0.12	≥ 0.16	≥ 0.21	≥ 0.22
Tensile, kg/15mm	T494 om-96	MD	≥ 3.6	≥ 4.0	≥ 4.2	≥ 4.5	≥ 4.8	≥ 5.0	≥ 5.3	≥ 5.4	≥ 5.5	≥ 5.6	≥ 5.7
		CD	≥ 1.8	≥ 2.0	≥ 2.1	≥ 2.2	≥ 2.4	≥ 2.5	≥ 2.6	≥ 2.7	≥ 2.8	≥ 2.9	≥ 3.0
Wax Pick, °A	T459 om-93	≥ 14	≥ 14	≥ 14	≥ 14	≥ 14	≥ 14	≥ 14	≥ 14	≥ 14	≥ 14	≥ 14	
Moisture, %	T412 om-94	6.0 ± 0.5	6.0 ± 0.5	6.0 ± 0.5	6.0 ± 0.5	6.0 ± 0.5	6.0 ± 0.5	6.0 ± 0.5	6.0 ± 0.5	6.0 ± 0.5	6.0 ± 0.5	6.0 ± 0.5	

Quality Assurance



CHRESNO JUNIARSO

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