

Technical Data Sheet of Black Paper Board

Date of Report : 5/8/2013

Name of the product : Black paper / Black Board

Items	Unit of Measurement	Result				
		100G	110G	120G	180G	200G
Substance(定量)	g/m <sup>2</sup>	101	115	122	180	200
Moisture(水分)	%	7.1	6.6	6.7	7.1	6.3
Thickness/Density(厚度)	mm(g/cm <sup>3</sup> )	0.129	0.137	0.143	0.211	0.242
Seizing(施胶)	g/m <sup>2</sup>	43	49	70	60	60
FOLDING ENDURANCE (耐折度)	times	85 / 1517	9/1181	27/453	25/738	30/1000
BURST INDEX (耐破指数)	Kpa m <sup>2</sup> /g	3.85	2.83	3.25	2.54	2.68
BREAKING LENGTH (裂断长 横/纵)	km	2.093 / 8.469	1.429/8.045	1.563/7.946		
TENSILE STRETCH 伸长率 (横/纵)	%	2.500/0.833	2.708/1.111	3.194/1.389		
TEARING STRENGTH 撕裂度 (横/纵)	Mn	1280/860	1400/1000	1660/1120	2000/1380	2280/1760
SMOOTHNESS (平滑度)	s	8/9	20/21	17/19	22/13	11/14
STIFFNESS (挺度)	Mn.m				1.700/4.900	2.300/7.200

Items	Unit of Measurement	Result				
		230G	250G	300G	350G	400G
Substance(定量)	g/m <sup>2</sup>	230	252	296	336	395
Moisture(水分)	%	6.6	6.8	6.3	6.3	9
Thickness/Density(厚度)	mm(g/cm <sup>3</sup> )	0.285	0.312	0.381	0.45	0.514
Seizing(施胶)	g/m <sup>2</sup>	60	34	29	80	56
FOLDING ENDURANCE (耐折度)	times	25/647	70/663	67/122	50/80	198/375
BURST INDEX (耐破指数)	Kpa m <sup>2</sup> /g	2.24	2.34	2.43	1.78	1.84
BREAKING LENGTH (裂断长 横/纵)	km					
TENSILE STRETCH 伸长率 (横/纵)	%					
TEARING STRENGTH 撕裂度 (横/纵)	Mn	2280/2320	3640/3280	3360/2640	3280/2960	4160/3920
SMOOTHNESS (平滑度)	s	6/5	8/10	5/5	5/6	6/8
STIFFNESS (挺度)	Mn.m	2.200/7.700	4.300/8.450	8.000/18.000	10.125/23.750	13.125/29.000

Remarks : Grades, colors and range of products are subject to change. Due to different batch of makings this paper variations in shade, surface and speck count may sometimes occur.