

Hi-Q SI

Product		Unit	180	210	220	230	240	250	260	280	300	350	400	450	500	
Basis Weight		g/m ²	180	210	220	230	240	250	260	280	300	350	400	450	500	
Caliper		μm	235	260	270	280	295	310	325	350	380	450	510	580	660	
Bulk		cm ³ /g	1.31	1.24	1.23	1.22	1.23	1.24	1.25	1.25	1.27	1.29	1.28	1.29	1.32	
Stiffness	Taber 15°	MD	g.cm	35	50	55	60	65	75	85	105	115	175	245	345	445
		CD		17	22	25	27	30	35	40	50	65	85	120	170	220
		MD	mN m	3.4	4.9	5.4	5.9	6.4	7.4	8.3	10.3	11.3	17.2	24.0	33.8	43.6
		CD		1.7	2.2	2.5	2.6	2.9	3.4	3.9	4.9	6.4	8.3	11.8	16.7	21.6
Brightness		%	76 ↑													
Gloss		%	48 ↑													
Roughness		μm	2.5 ↓													
Sheet Size		mm	0,+2													

Basis Weight (with reference to the average value)		±5%	ISO 536
Caliper	Basis Weight : 180~280 g/m ²	±20μm	ISO 534
	Basis Weight : 300~400 g/m ²	±25μm	
	Basis Weight : 450~500 g/m ²	±30μm	
Bulk		±5 %	
Moisture		7.0±1.5% (105±3°C Oven)	ISO 187
Stiffness		Min. (Lower Specifications Limit)	ISO 5628
Brightness		Min. 76% Elrepho Top	ISO 2470
Gloss		Min. 48%	ISO 8254-1
Roughness		Max. 2.5μm	ISO 8971-4(PPS)
Testing Climate		23±1°C 50±2% rF/hr	