

Hi-Q SC(E)

Product		Unit	180	200	210	220	230	240	250	260	270	280	300	
Basis Weight		g/m ²	180	200	210	220	230	240	250	260	270	280	300	
Caliper		μm	225	250	265	275	285	295	315	330	340	355	385	
Bulk		cm ³ /g	1.25	1.25	1.26	1.25	1.24	1.23	1.26	1.27	1.26	1.27	1.28	
Stiffness	Taber 15°	MD	g.cm	27	43	50	55	60	65	70	75	90	110	120
		CD		14	22	25	28	30	33	35	38	45	55	60
		MD	mNm	2.6	4.2	4.9	5.4	5.9	6.4	6.9	7.4	8.8	10.8	11.8
		CD		1.3	2.1	2.5	2.7	2.9	3.2	3.4	3.7	4.4	5.4	5.9
Brightness		%	76 ↑											
Gloss		%	45 ↑											
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 : 450~550 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. 45%	ISO 8254-1
Roughness		Max. 2.5μm	ISO 8971-4(PPS)
Testing Climate		23±1°C 50±2% rF/hr	

Technical Data Sheet

Issuing Date : 2021.01.01

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Product		Unit	310	330	350	370	400	450	480	500	550	
Basis Weight		g/m ²	310	330	350	370	400	450	480	500	550	
Caliper		μm	395	425	455	480	520	590	620	660	700	
Bulk		cm ³ /g	1.27	1.29	1.30	1.30	1.30	1.31	1.29	1.32	1.27	
Stiffness	Taber 15°	MD	g.cm	130	150	180	200	250	350	400	450	520
		CD		65	75	90	100	125	175	190	225	240
		MD	mNm	12.7	14.7	17.6	19.6	24.5	34.3	39.2	44.1	51.0
		CD		6.4	7.4	8.8	9.8	12.3	17.2	18.6	22.1	23.5
Brightness		%	76 ↑									
Gloss		%	45 ↑									
Roughness		μm	2.5 ↓									
Sheet Size		mm	0,+2									

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All figures mentioned above may be subject to technical changes.