



RESEARCH & DEVELOPMENT



PRODUCT SPECIFICATION

Product Quality : Century Omega Plus

CONSTRUCTION

Double Coating - Blade "N" Blade

Surface Sized

Bleached Chemical Pulp

Bleached Chemical Pulp

Bleached Mechanical Pulp

Bleached Chemical Pulp

Surface Sized

Single Coating - Blade

Substance g/m ²	Thickness micron	Bulk cc/gm	L & W Bending Resistance, mN		
			MD	CD	GM
T410	T 411		T 556		
200	296	1.48	118	59	83
210	311	1.48	125	63	88
220	326	1.48	160	80	113
230	341	1.48	190	95	135
250	370	1.48	260	130	184
260	391	1.50	280	140	198
270	404	1.50	300	150	212
280	420	1.50	335	168	237
285	427	1.50	360	180	255
290	445	1.54	380	190	269
300	462	1.54	440	220	311
320	499	1.56	495	248	350
330	515	1.56	550	275	389
340	529	1.56	585	293	414
350	551	1.58	650	325	459
360	567	1.58	675	338	477
400	630	1.58	830	415	587

Tolerance : ±

± 4%

-15%

Properties	UOM	Value	Standards
Roughness (PPS)	200 -250 gsm	μ	T 555
Top	> 251 gsm		
IGT Dry Pick (MV)	Top	m/s	ISO 3782
Gloss at 75° , min	Top	%	T 480
ISO Brightness	Top	%	ISO 2470
CIE Whiteness , min	Top	%	ISO 11475
Scott Ply Bond		j/m ²	T 569
Cobb ₆₀	Top	g/m ²	T 441
	Back		
Moisture	< 300	%	T 412
	> 301		
Shade	-	ght Raddish Blu	Under D65 Light Source

Test Conditions: Temperature 23 ± 1°C & Relative Humidity 50 ± 2%. (Tappi 402)

All properties are according to CPP, Lalkua measurements

Tolerance are based upon 95% Confidence limits of single mill measurement on random samples.

An ISO 9001 : 2008, ISO 14001:2004 & OHSAS 18001:2007 Company