



## RESEARCH & DEVELOPMENT



### PRODUCT SPECIFICATION

**Product Quality : Century Superia Fold Plus**

#### CONSTRUCTION

	Double Coating - Blade "N" Blade
	Surface Sized
	Bleached Chemical Pulp
	Bleached Chemical Pulp
	Bleached Mechanical Pulp
	Bleached Chemical Pulp
	Surface Sized
	Surface Sized

Substance g/m <sup>2</sup>	Thickness micron	Bulk cc/gm	L & W Bending Resistance, mN		
			MD	CD	GM
<b>T 410</b>	<b>T 411</b>		<b>T 556</b>		
190	306	1.61	135	68	95
200	326	1.63	160	80	113
210	342	1.63	185	93	131
220	358	1.63	210	105	148
230	381	1.66	245	123	173
240	399	1.66	275	138	194
250	420	1.68	315	158	223
260	437	1.68	350	175	247
270	454	1.68	390	195	276
280	481	1.72	420	210	297
285	491	1.72	445	223	315
290	499	1.72	475	238	336
300	526	1.75	525	263	371
320	559	1.75	600	300	424
350	625	1.78	760	380	537
380	677	1.78	860	430	608
400	720	1.80	960	480	679
Tolerance : 3%		± 4%	-15%		

Properties	UOM	Value	Standards	
Roughness (PPS) Top	190 -250 gsm	1.4 ± 0.2	T 555	
	> 251 gsm	1.5 ± 0.2		
IGT Dry Pick (MV)	Top	m/s	1.2± 0.2	ISO 3782
Gloss at 75° , min	Top	%	40 min	T 480
ISO Brightness	Top	%	85 ± 2	ISO 2470
CIE Whiteness , min	Top	%	100	ISO 11475
Scott Ply Bond		j/m <sup>2</sup>	>150	T 569
Cobb <sub>60</sub>	Top	g/m <sup>2</sup>	30 ± 5	T 441
	Back		35 ± 5	
Moisture	<250	%	6.0 - 7.0	T 412
	251 - 300		6.5 - 7.5	
	>301		7.0 - 8.0	
Shade	-	Bluish	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