



CONDENSED SPEC SHEET*

Grade Name: FILOSERVE

FiloServe is designed for food serving applications likes plates & trays as a replacement to single-use plastics.

SUBSTANCE (GSM)	CALIPER (μM)	BULK	BENDING RESISTANCE (L&W) mN		
Tappi T 410	Tappi T 411		Tappi T 556		
			MD	CD	GM
200	310	1.55	138	71	99
210	326	1.55	160	85	117
220	342	1.55	187	103	139
230	357	1.55	203	112	151
240	372	1.55	244	126	175
250	388	1.55	280	146	202
260	408	1.57	299	155	215
270	424	1.57	331	168	236
280	440	1.57	379	186	266
290	460	1.59	431	211	302
300	486	1.62	483	227	331
320	518	1.62	597	293	418
TOL : ± 3%	± 5%				± 15%

CERTIFICATIONS & COMPLIANCES	
Manufacturing	ISO 9001, ISO 14001, ISO 45001, BRC Global Standard
Environmental & Safety	Plastic Free - Certified by CIPET; 100% recyclable under existing recycling mechanisms - Certified by CPPRI; FSC®
Regulatory	REACH, ROHS
Food Contact	BfR Recommendation XXXVI US FDA CFR 21, §176.170 US FDA CFR 21, §176.180

PARAMETER	UNITS	VALUE
PLY BOND (AVG)	J/m ²	150 MIN
ROUGHNESS - PPS (Avg.)	μm	1.60 MAX 1.80 MAX 2.00 MAX
TOP		
GSM ≤ 250		
250 < GSM ≤ 340		
GSM > 340		
BRIGHTNESS ISO	%	85 MIN
TOP		
WHITENESS CIE	%	85 MIN
TOP		
SURFACE STRENGTH IGT PICK (MED.VISCOSITY)	m/sec	0.7 MIN
TOP		
GLOSS at 75° (Avg)	g/m ²	(35-5) MIN
TOP		
MOISTURE	%	7.0 ± 1.0 8.0 ± 1.0
GSM ≤ 300		
GSM > 300		
COBB (180 seconds)	g/m ²	10 Max
BOTTOM		

CONSTRUCTION



Note :

1. All Properties are according to ITC, PSPD Measurements
2. Test Climate 23°C ± 1 & 50% ± 2 RH
3. Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random samples
4. KIT Levels - 8 & 11



F&B