

TECHNICAL DATA SHEET

EnvoEcoBag

RECYCLED MF KRAFT PAPER FOR PAPER BAGS

Parameters		Tolerance		Values									
GSM (g/m²)	±5%	50		60		70		80		90		100	
		MD	CD	MD	CD	MD	CD	MD	CD	MD	CD	MD	CD
		20 BF											
Tear factor	±5	60.0	70.0	60.0	70.0	60.0	70.0	60.0	70.0	60.0	70.0	60.0	70.0
Tensile Strength (Kn/M)	±5	2.9	1.1	3.0	1.4	3.4	1.6	3.6	1.9	3.9	2.0	4.2	2.1
Breaking Length	±5	4.7	2.3	4.5	2.3	4.4	2.2	4.6	2.1	4.5	2.3	4.6	2.3
Cobb (gm/m²)	±5	35		35		35		35		35		35	
Thickness (mm)	±0.05	0.075		0.094		0.105		0.114		0.138		0.146	
Bulk (cc/gm)	±0.5	1.50		1.57		1.50		1.43		1.53		1.46	
Moisture (%)	±0.5	8		8		8		8		8		8	
pH	-	6.5-7		6.5-7		6.5-7		6.5-7		6.5-7		6.5-7	
		22 BF											
Tear factor	±5	65.0	75.0	65.0	75.0	65.0	75.0	65.0	75.0	65.0	75.0	65.0	75.0
Tensile Strength (Kn/M)	±5	3.0	1.1	3.2	1.3	3.6	1.7	3.7	2.0	4.0	2.1	4.3	2.1
Breaking Length	±5	5.6	2.2	4.8	1.9	5.6	2.1	5.1	2.2	5.4	2.1	4.8	2.5
Cobb (gm/m²)	±5	35		35		35		35		35		35	
Thickness (mm)	±0.05	0.077		0.093		0.109		0.111		0.132		0.142	
Bulk (cc/gm)	±0.5	1.54		1.55		1.56		1.39		1.47		1.42	
Moisture (%)	±0.5	8		8		8		8		8		8	
pH	-	6.5-7		6.5-7		6.5-7		6.5-7		6.5-7		6.5-7	
		24 BF											
Tear factor	±5	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0	70.0	80.0
Tensile Strength (Kn/M)	±5	2.9	1.2	3.0	1.4	4.0	2.0	4.6	2.3	4.1	2.2	4.6	2.4
Breaking Length	±5	5.8	2.4	4.7	2.2	5.7	2.2	5.8	2.2	5.5	2.3	4.8	2.6
Cobb (gm/m²)	±5	35		35		35		35		35		35	
Thickness (mm)	±0.05	0.076		0.092		0.11		0.12		0.131		0.143	
Bulk (cc/gm)	±0.5	1.52		1.53		1.57		1.50		1.46		1.43	
Moisture (%)	±0.5	8		8		8		8		8		8	
pH	-	6.5-7		6.5-7		6.5-7		6.5-7		6.5-7		6.5-7	
		28 BF											
Tear factor	±5	85.0	100.0	85.0	100.0	85.0	100.0	85.0	100.0	85.0	100.0	85.0	100.0
Tensile Strength (Kn/M)	±5	3.1	1.2	4.1	1.5	5.1	2.1	5.6	2.3	5.5	2.3	5.8	2.6
Breaking Length	±5	5.9	2.1	5.2	2.3	5.7	2.4	5.9	2.4	5.6	2.4	5.9	2.6
Cobb (gm/m²)	±5	35		35		35		35		35		35	
Thickness (mm)	±0.05	0.077		0.094		0.108		0.12		0.133		0.141	
Bulk (cc/gm)	±0.5	1.54		1.57		1.54		1.50		1.48		1.41	
Moisture (%)	±0.5	8		8		8		8		8		8	
pH	-	6.5-7		6.5-7		6.5-7		6.5-7		6.5-7		6.5-7	
		30 BF											
Tear factor	±5	95.0	110.0	95.0	110.0	95.0	110.0	95.0	110.0	95.0	110.0	95.0	110.0
Tensile Strength (Kn/M)	±5	3.3	1.5	4.3	1.6	5.2	2.3	5.6	2.3	5.6	2.4	5.7	2.5
Breaking Length	±5	5.9	2.2	5.4	2.4	5.8	2.3	5.9	2.6	5.8	2.5	5.9	2.5
Cobb (gm/m²)	±5	35		35		35		35		35		35	
Thickness (mm)	±0.05	0.078		0.095		0.11		0.11		0.132		0.142	
Bulk (cc/gm)	±0.5	1.56		1.58		1.57		1.38		1.47		1.42	
Moisture (%)	±0.5	8		8		8		8		8		8	
pH	-	6.5-7		6.5-7		6.5-7		6.5-7		6.5-7		6.5-7	

Test Method	Tappi Standard
Test Condition	50 ± 2% Relative Humidity, 26°C ± 2°C Temperature.
Shade	Natural, Golden, Red, Saffron
Machine Deckle	3450 MM
Reel Dia	900 MM TO 1220 MM
Applications	SOS Bags, Carry Bags, Wrapping