

Prime White

WHITE SACK KRAFT PAPER

Production Unit: Pietarsaari

End uses

Prime White is primarily recommended as the outer ply for open mouth or sewn sacks where appearance and stiffness are most important.

Grammages

70 – 100 g/m²

Materials

Prime White is produced from pure, white kraft pulp and consists entirely of virgin fibre. The long and strong fibres, from the slow-growing forests of the Nordic region, give the paper its inherent strength.

Approvals

Prime White is produced in compliance with BfR and FDA for food contact.

Certification

Pietarsaari mill is certified in accordance with ISO 9001, ISO 14001, OHSAS 18001 and FSSC 22000. Prime White is available as FSC® certified paper (FSC-C113010) or PEFC™ (PEFC/02-31-216) certified material.

Property	Unit		Typical values				Method
Grammage	g/m ²		70	80	90	100	ISO 536
Tensile strength	kN/m	MD	7.5	8.6	9.6	10.7	ISO 1924-3
	kN/m	CD	4.1	4.6	5.2	5.8	
Tensile index	Nm/g	MD	107	107	107	107	ISO 1924-3
	Nm/g	CD	58	58	58	58	
Stretch	%	MD	2.2	2.3	2.4	2.4	ISO 1924-3
	%	CD	7.5	7.5	7.0	7.0	
TEA	J/m ²	MD	105	120	145	170	ISO 1924-3
	J/m ²	CD	210	240	270	300	
TEA Index	J/g	MD	1.5	1.5	1.6	1.7	ISO 1924-3
	J/g	CD	3.0	3.0	3.0	3.0	
TEA index geometric	J/g		2.1	2.1	2.2	2.3	
Tear strength	mN	MD	840	1040	1170	1350	ISO 1974
	mN	CD	840	1080	1260	1400	
Tear index	mNm ² /g	MD	12	13	13	13.5	ISO 1974
	mNm ² /g	CD	12	13.5	14	14	
Brightness	%		84	84	84	84	ISO 2470
Cobb 60s	g/m ²	WS	30	30	30	30	ISO 535
Air resistance	s		25	25	25	25	ISO 5636-5
Moisture	%		7.5	7.5	7.5	7.5	ISO 287

MD = Machine Direction
CD = Cross Direction

TS = Top side
WS = Wire side (winded outside, recommended print side)

Test climate: 50% RH, 23C