

## Performance White SE

### WHITE SACK KRAFT PAPER

Production Unit: Karlsborg

#### End uses

Performance White SE is approved for sacks in accordance with the German norm for dangerous goods. This grade is therefore recommended for sacks, where demands on strength, printability and appearance are high.

#### Grammages

70 – 100 g/m<sup>2</sup>

#### Materials

Performance White SE 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

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

#### Certification

Karlsborg mill is certified in accordance with ISO 9001, ISO 14001, ISO 50001, FSC<sup>®</sup> CoC (FSC-C020000) and PEFC<sup>™</sup> CoC (PEFC/05-33-136).

Property	Unit		Typical values				Method
Grammage	g/m <sup>2</sup>		70	80	90	100	ISO 536
Tensile strength	kN/m	MD	5.7	6.5	7.3	8.1	ISO 1924-3
	kN/m	CD	4.1	4.6	5.2	5.8	
Tensile index	Nm/g	MD	81	81	81	81	ISO 1924-3
	Nm/g	CD	58	58	58	58	
Stretch	%	MD	6.0	6.0	6.0	6.0	ISO 1924-3
	%	CD	9.5	9.0	9.0	8.5	
TEA	J/m <sup>2</sup>	MD	200	225	250	280	ISO 1924-3
	J/m <sup>2</sup>	CD	230	260	270	300	
TEA Index	J/g	MD	2.8	2.8	2.8	2.8	ISO 1924-3
	J/g	CD	3.3	3.2	3.0	3.0	
TEA index geometric	J/g		3.0	3.0	2.9	2.9	
Tear strength	mN	MD	910	1080	1260	1450	ISO 1974
	mN	CD	1020	1200	1400	1600	
Tear index	mNm <sup>2</sup> /g	MD	13.0	13.5	14.0	14.5	ISO 1974
	mNm <sup>2</sup> /g	CD	14.5	15.0	15.5	16.0	
Brightness	%		84	84	84	84	ISO 2470
Cobb 60s	g/m <sup>2</sup>	TS	30	30	30	30	ISO 535
Air resistance	s		15	15	15	15	ISO 5636-5
Moisture	%		7.5	7.5	7.5	7.5	ISO 287

MD = Machine Direction  
CD = Cross Direction

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

Test climate: 50% RH, 23°C