# BILLERUDKORSNÄS

Technical data sheet

Date: January 05, 2017

# 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

 $70 - 100 \text{ g/m}^2$ 

#### 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 kN/m	MD CD	5.7 4.1	6.5 4.6	7.3 5.2	8.1 5.8	ISO 1924-3
Tensile index	Nm/g Nm/g	MD CD	81 58	81 58	81 58	81 58	ISO 1924-3
Stretch	% %	MD CD	6.0 9.5	6.0 9.0	6.0 9.0	6.0 8.5	ISO 1924-3
TEA	J/m <sup>2</sup> J/m <sup>2</sup>	MD CD	200 230	225 260	250 270	280 300	ISO 1924-3
TEA Index	J/g J/g	MD CD	2.8 3.3	2.8 3.2	2.8 3.0	2.8 3.0	ISO 1924-3
TEA index geometric	J/g		3.0	3.0	2.9	2.9	
Tear strength	mN mN	MD CD	910 1020	1080 1200	1260 1400	1450 1600	ISO 1974
Tear index	mNm²/g mNm²/g	MD CD	13.0 14.5	13.5 15.0	14.0 15.5	14.5 16.0	ISO 1974
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