

## QuickFill® Brown Plus

### BROWN SACK KRAFT PAPER

Production Unit: Skärblacka

#### End uses

QuickFill® Brown Plus is particularly suitable for end-uses involving fast filling of valve sacks with powdered goods. High porosity means that the sacks do not normally need to be perforated. QuickFill® Brown Plus is approved for sacks in accordance with the German norm for dangerous goods.

#### Grammages

70 – 90 g/m<sup>2</sup>

#### Materials

QuickFill® Brown Plus is produced from pure, unbleached kraft pulp and consists entirely of virgin fibres. The long and strong fibres, from Nordic slowly growing softwood forests, give the paper its inherent strength.

#### Approvals

QuickFill® Brown Plus is produced in compliance with BfR and FDA food packaging norms

#### Certification

Skärblacka mill is certified in accordance with ISO 9001, ISO 14001 and ISO 50001.

Property	Unit		Typical values			Method
Grammage	g/m <sup>2</sup>		70	80	90	ISO 536
Tensile strength	kN/m	MD	5.6	6.4	7.2	ISO 1924-3
	kN/m	CD	4.9	5.6	6.3	
Tensile index	Nm/g	MD	80	80	80	ISO 1924-3
	Nm/g	CD	70	70	70	
Stretch	%	MD	6.0	6.0	6.0	ISO 1924-3
	%	CD	8.0	7.5	7.0	
TEA	J/m <sup>2</sup>	MD	215	250	270	ISO 1924-3
	J/m <sup>2</sup>	CD	240	270	280	
TEA Index	J/g	MD	3.1	3.1	3.0	ISO 1924-3
	J/g	CD	3.4	3.4	3.1	
TEA index geometric	J/g		3.3	3.3	3.1	
Tear strength	mN	MD	910	1120	1260	ISO 1974
	mN	CD	910	1120	1260	
Tear index	mNm <sup>2</sup> /g	MD	13.0	14.0	14.0	ISO 1974
	mNm <sup>2</sup> /g	CD	13.0	14.0	14.0	
Friction coeff. Static	WS		0.60	0.60	0.60	ISO 15359
Cobb 60s	g/m <sup>2</sup>		30	30	30	ISO 535
Air resistance	s		3	3	3	ISO 5636-5
Moisture	%		7.0	7.0	7.0	ISO 287

MD = Machine Direction  
CD = Cross Direction

TS = Top side  
WS = Wire side

Test climate: 50% RH, 23°C