

## NBSK Gruvön Prima+ pulp

Nordic Bleached Softwood Kraft (flash) Pulp

Production unit: Gruvön

### Material

Billerud NBSK Gruvön *Prima+* is flash dried pulp produced from pine and spruce harvested from the central part of Sweden. Flash dried pulp provides many specific benefits to the paper properties; excellent bulk, high porosity as well as high tear strength, with good tear-tensile ratio. *Prima+* NBSK grade is specifically developed for high purity applications such as filter papers. NBSK Gruvön is available as FSC® and PEFC certified.

### End-use applications

*Filter and other specialty papers with high porosity and purity demands.*

### Approvals

NBSK Gruvön is produced in compliance with BfR and FDA for food contact as well as approved for EU Ecolabel and Nordic Ecolabel.

### Certification

Gruvön mill is certified in accordance with ISO 9001 and 14001, hygiene management system ISO 22000, **FSC® (FSC® C108771)** and **PEFC (SA-PEFC-COC-015151)** and PEFC/05-33-135)

## Chemical and physical properties

Property	Unit	Average	Method
Brightness	%	88	ISO 2470
DCN	mm <sup>2</sup> /kg	≤1	ISO 5350
Ash content	%	0.15	ISO 1762
Extractives	%	< 0.05	ISO 14453
Fibre length	mm	1.8 – 2.0	FS5 ISO 16065-2
Coarseness	mg/m	0.200 – 0.230	FS5 ISO 16065-2
Air Permeability	l/m <sup>2</sup> s	90	ISO 9237:1995

Property	Unit	Method				
Beating	PFI-revolutions	0	500	3000	6500	ISO 5264-2
Drainage	SR	13	14	19	33	ISO 5267-1
Tensile index	kNm/kg	16	39	76	90	ISO 1924-3
Tear index	Nm <sup>2</sup> /kg	14	23	11	9	ISO 1974
Burst index	kPa m <sup>2</sup> /kg	1.2	2.9	5.8	6.9	ISO 2758
Bulk	dm <sup>3</sup> /kg	1.8	1.6	1.4	1.3	ISO 534
Gurley	s/100ml	0.3	0.8	3.5	14.1	ISO 5636-5

Dimensions	Unit	Bale	Bale Unit
Weight	kg	200	1600
Height	mm	430	1720
Length	mm	900	900
Width	mm	600	1200