BILLERUD

Technical data sheet

Date: November, 2026

NBSK Karlsborg pulp

Nordic Bleached Softwood Kraft Pulp

Production unit: Karlsborg

Material

Billerud NBSK Karlsborg is a long-fibre pulp produced from pine and spruce harvested in the northern part of Sweden. Cold growing environment results in long, slender and flexible fibres with low need for refining, excellent bonding properties, density and high tensile strength. NBSK Karlsborg is available as FSC® and PEFC certified.

End-use applications

Reinforcement pulp, tissue papers, packaging papers, specialty applications

Approvals

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

Certification

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

Chemical and physical properties

Property	Unit	Average	Method
Brightness	%	89	ISO 2470
Impurities	mm^2/kg	2	ISO 5350
Ash content	%	0.15	ISO 1762
Extractives	%	< 0.05	ISO 14453
Fibre length	mm	1.9 – 2.0	FS5 ISO 16065-2
Coarseness	mg/m	0.180-0.190	FS5 ISO 16065-2

Property	Unit						Method
Beating	PFI-revolutions	0	1000	2500	6500	10000	ISO 5264-2
Drainage	SR	15	17	21	37	52	ISO 5267-1
Tensile index	kNm/kg	33	66	84	101	105	ISO 1924-3
Tear index	Nm^2/kg	21	17	11	9	9	ISO 1974
Burst index	kPa m^2/kg	2.3	5.0	6.4	7.5	7.9	ISO 2758
Density	kg/m^2	613	697	737	779	797	ISO 534
Light scat coeff	m^2/kg	30	23	20	16	15	ISO 9416

Dimensions	Unit	Bale	Bale Unit
Weight	kg	200	1600
Height	mm	425	1700
Length	mm	850	850
Width	mm	600	1200