

Billerud NBSK Karlsborg is a long-fibre pulp produced from pine and spruce harvested in the northern part of Sweden. These extremely slow-growing trees produce long, extremely slender and thin-walled fibres. This flexible fibre beats easily and provides excellent bonding between the fibres, resulting in an excellent tensile strength at a low energy consumption.

Chemical and physical properties

Property	Unit	Average	Method
Brightness	%	89	ISO 2470
Impurities	mm ² /kg	2	ISO 5350-2
Ash Content	%	0.15	ISO 1762
Extractives	%	<0.05	SCAN-CM 49:03

Property	Unit						Method
Beating	Revolution	0	1 000	2 500	6 500	10 000	ISO 5264-2
Drainage resistance	SR	15	17	20	35	50	ISO 5267-1
Tensile index	kNm/kg	36	73	91	105	110	ISO 1924-3
Tear index	Nm ² /kg	20	14	11	9.0	8.5	ISO 1974
Burst index	MN/kg	2.6	5.6	6.9	8,2	8,5	ISO 2758
Density	kg/m ³	615	705	750	795	815	ISO 534
Light scattering coefficient	m ² /kg	33	25	21	18	16	ISO 9416

Dimensions	Unit	Bale	Bale Unit	Management Systems & Certifications	
Weight	kg	200	1600	Quality	ISO 9001
Height	mm	430	1720	Environmental	ISO 14001
Length	mm	850	850	FSC Chain of Custody	FSC CoC
Width	mm	600	1200	FSC Controlled Wood	FSC CW
				PEFC Chain of Custody	PEFC