

Billerud NBSK Gruvön is a flash dried pulp produced from pine and spruce harvested in the central parts of Sweden. The flash drying technique has many benefits for the pulp characteristics. It provides particularly an excellent bulk and tear strength, with a tear/tensile factor to match. Suitable for all sorts of end-use including specialities like filter paper.

## Chemical and physical properties

Property	Unit	Average	Method
Brightness	%	89	ISO 2470
Impurities	mm <sup>2</sup> /kg	2	ISO 5350-1
Ash Content	%	0.15	ISO 1762
Extractives	%	<0.05	SCAN-CM 49:03

Property	Unit					Method
Beating	Revolution	<b>0</b>	<b>500</b>	<b>3 000</b>	<b>6 500</b>	ISO 5264-2
Drainage resistance	SR	<b>13</b>	<b>14</b>	<b>21</b>	<b>40</b>	ISO 5267-1
Tensile index	kNm/kg	<b>16</b>	<b>43</b>	<b>82</b>	<b>96</b>	ISO 1924-2
Tear index	Nm <sup>2</sup> /kg	<b>12.5</b>	<b>22.1</b>	<b>12.8</b>	<b>10.8</b>	ISO 1974
Burst index	MN/kg	<b>1.0</b>	<b>3.0</b>	<b>6.2</b>	<b>7.1</b>	ISO 2758
Density	kg/m <sup>3</sup>	<b>540</b>	<b>620</b>	<b>720</b>	<b>760</b>	ISO 534
Light scattering coefficient	m <sup>2</sup> /kg	<b>30</b>	<b>26</b>	<b>20</b>	<b>17</b>	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	900	900	FSC Chain of Custody	FSC CoC
Width	mm	600	1200	FSC Controlled Wood	FSC CW
				PEFC Chain of Custody	PEFC CoC
				Hygiene Management System	BRC/IOP