

## Ecolabels and certificates

Certificate	Certificate number
Environmental management (ISO 14001)	UY18/81840969
Business excellence (ISO 9001)	UY18/81840970
Health and safety (ISO 45001)	UY18/80840967
Chain-of-custody FSC®*	DNV-COC-000.... DNV-CW-000.....
Chain-of-custody PEFC™*	DNVFI-PEFC-COC-0000...

The pulp is approved for use in products carrying the Nordic Swan Label and EU Ecolabel.

\*Stora Enso division Biomaterials FSC trademark is C116608. Stora enso division Biomaterials PEFC trademark license is PEFC/02-31-298.

**100% of our wood is traceable to its area of origin.**

We actively work with our stakeholders to promote sustainable forest management and the wider use of certification systems. As certification programmes cover all three aspects of sustainability, they are a reliable indicator of responsible forestry. Forest certification schemes also ensure that improvements in efficiency do not compromise the ecological and social sustainability of our productive forests.



## General trade rules

SE works in accordance with the general trade rules for wood pulp set by the European Pulp Industry Sector Association. More information is available on their website [www.epis.org](http://www.epis.org)

Looking for more information about us? Searching for contact details?

# PerformPlus by SE

ECF eucalyptus kraft pulp

Datasheet version 22072022

## About the product

Perform Plus is an ECF bleached eucalyptus kraft pulp with high strength properties. Our product is anthraquinone-free, and suitable for food applications (Kosher and Hala).



## Typical end-uses

Our product is most commonly used for the production of tissue, board, woodfree and specialty papers.



SE International Oy

## Producing mill

Montes del Plata (more information about the mill on page 3 of this datasheet)



## Raw material

100% Eucalyptus from Uruguay



## Pulp specifications

Chemical properties	Methods	Min/Max
ISO brightness, %	ISO 2470/PE	≥ 89
Dirt count, mm <sup>2</sup> /kg	ISO5350-2	≤ 2
Dryness, %	Scanner	86-93
Viscosity, dm <sup>3</sup> /kg	ISO 5351	≥ 650



## Refining results: SE Voith-Sulzer

SRE	°SR	Bulk	Tensile index	Stretch	Breaking length	Tear index	Air resistance G-H	WRV 100 mesh	Opacity C/2+UV
kWh/t		cm³/g	Nm/g	%	km	mNm²/g	s/100 ml	%	%
0	16,6	1,72	27,7	2,36	2,81	4,9	1,7	119,84	77,5
30	20,1	1,59	40,4	3,16	4,13	6,6	3,8	138,53	76,0
50	23,0	1,52	47,9	3,62	4,9	7,4	6,4	150,89	74,9
62	24,9	1,48	52,1	3,87	5,32	7,7	8,9	158,27	74,2
90	30,0	1,40	60,4	4,36	6,17	8,1	18,8	175,07	72,7
100	32,2	1,37	63,2	4,52	6,46	8,2	24,9	181,45	72,1
150	44,3	1,27	73,5	5,05	7,5	8,0	96,4	211,51	69,4
200	59,2	1,22	78,8	5,22	8,01	7,6	373,0	241,07	67,1

Voith Sulzer Laboratory refiner

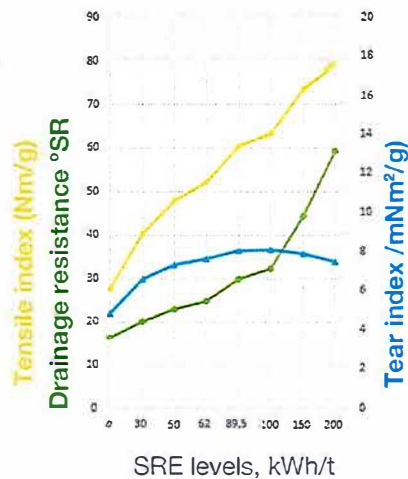
Fillings: 3-1,0-60C, Cons (%) 4,0, SEL(J/m) 0,5

Typical values and average results of 2017.

All tests have been performed according to standard ISO/SCAN methods

## Typical pulp properties

Chemical properties	Method	Target
pH (cold extraction)	ISO 6588	6-8
Acetone extractives, %	ISO 14453	< 0,2
Organic chlorine (OX), mg/kg	ISO 11480:1997	< 200



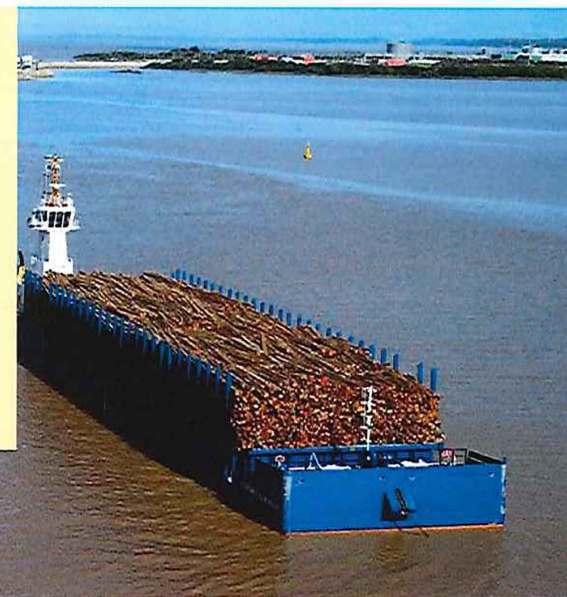
## About the mill

MdP is a joint operation created with Chilean pulp producer Arauco. Located in Uruguay, Montes del Plata produces 1.3 million-tonnes of eucalyptus wood pulp every year. In addition to pulp, the mill produces surplus energy at approximately 70 MW per working hour which is fed into the national grid. Thanks to this, the mill was accepted as a United Nations Clean Development Mechanism (CDM) project.

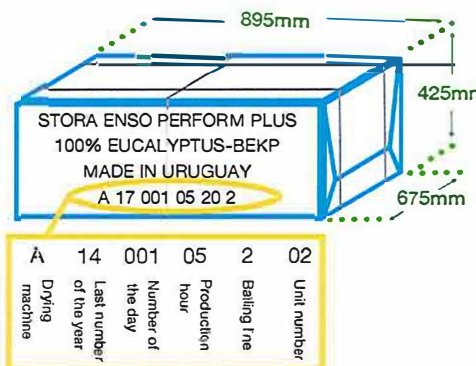


## Logistic set-up

The mill's terminal consist of two docks: one for barges that enables the reception of logs, and the other for ocean bound vessels used for pulp exports. A large amount of the wood is supplied through barges thereby limiting heavy transports on Uruguayan roads. On both inbound and outbound sides, Montes del Plata has an exclusive logistic setting allowing direct worldwide shipping while reducing the environmental impact of inbounds logistics.



## Packaging information



The label also contains a bar code with the bale number and the mill CEPI code.

### Units

Number of bales	8
Dimensions, mm (w x l x h)	895x1350x1700 (±30)
Weight, kg	2000 (±5%)
Wires	7 pcs (Ø 3.0mm)

## Stora Enso International Oy

### Bales

Dimensions, mm (w x l x h)	895x675x425
Weight, kg	250 (±5%)
Dry content, %	89,5 (±3,5%)
Wrapping	100% eucalyptus pulp
Wires	1+2 pcs (Ø 2.3mm)

Bales are also available unwrapped. Please ask for more details.

