



ENCELL TCF (Pontevedra mill)

Bleached Kraft Pulp based on *Eucalyptus globulus*

Average of typical samples tested. These are not specifications

Chemical and physical properties

Property	Unit	Average	Method
Brightness ISO	%	89.0	ISO 3688
Viscosity	mL/g	793	ISO 5351/1
Ash	%	0.34	ISO 1762
Fibre length	mm	0.73	Kajaani FS 200
Extract Acetone	%	0.08	ISO 14453
pH		6.0	ISO 6588

Property	Unit	Beating PFI - Rev				Method
		0	500	1500	3000	
Drainage	°SR	21.9	27.5	36.9	54.9	ISO 5267
Bulk	cm ³ /g	1.90	1.72	1.54	1.42	ISO 5270
Tensile	N.m/g	27.8	44.4	64.8	81.9	ISO 1924
Burst	kPa.m ² /g	1.2	2.3	3.9	5.3	ISO 2758
Tear	mN.m ² /g	4.5	6.8	8.6	9.2	ISO 1974
Opacity	%	76.3	74.0	71.6	69.0	ISO 2469
Air resistance	s/100 mL	0.9	1.9	6.4	33.3	ISO 5636/1
Stiffness	m.N	686	725	705	679	ISO 5629
WRV	g/g	1.30		1.69	1.95	SCAN-C62:00

Emission Data	Unit	Average 2005	Method
COD in water	Kg/ADmt	7.6	ISO-6060
AOX in water	Kg/ADmt	0.004	ISO-9562
Nox to Air	Kg/ADmt	0.99	EPA-7D / Monitor
Sulphur to Air	Kg/ADmt	0.45	EPA-6 / Monitor
Phosphorous in water	Kg/ADmt	0.057	ISO-6878/1

Encell TCF (Pontevedra mill) is a non-integrated market pulp made using 100% controlled wood from suitable sources and managed through FMS schemes.