

Billerud Flute S

SC FLUTING

Product Description

Flute S is a Semi Chemical Fluting, characteristics include high and consistent quality combined with excellent runnability.

Grammages

112, 125, 140, 150, 165, 190 g/m²

Approvals

Flute S is produced in compliance with FDA and BfR food packaging norms.

Certification

Production is certified in accordance with ISO 9001, ISO 14001, ISO 50001 and FSSC 22000.

Property	Unit					Method
Grammage	g/m ²		112	125	140	ISO 536
Caliper	µm		190	215	240	ISO 534
Air resistance	s		40	40	40	ISO 5636-5
CMT ₃₀	N		230	270	290	ISO 7263
CCT	kN/m		1,9	2,2	2,5	ISO 16945
SCT	MD	kN/m	4,8	5,3	5,6	ISO 9895
	CD	kN/m	2,5	2,8	3,1	
Tensile Stiffness	MD	kN/m	1020	1140	1220	ISO 1924
	CD	kN/m	390	440	480	
Burst strength	kPa		380	410	440	ISO 2758
Moisture	%		9	9	9	ISO 287

MD = Machine Direction CD = Cross Direction Test climate: 50% RH, 23°C

The table shows typical data.

Rev. 202402

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Property	Unit					Method
Grammage	g/m ²		150	165	190	ISO 536
Caliper	µm		260	285	325	ISO 534
Air resistance	s		40	40	40	ISO 5636-5
CMT ₃₀	N		300	(320)	-	ISO 7263
CCT	kN/m		2,7	3,0	3,5	ISO 16945
SCT	MD	kN/m	5,9	6,2	7,1	ISO 9895
	CD	kN/m	3,3	3,6	4,3	
Tensile Stiffness	MD	kN/m	1300	1380	1550	ISO 1924
	CD	kN/m	530	570	690	
Burst strength	kPa		460	480	530	ISO 2758
Moisture	%		9	9	9	ISO 287

MD = Machine Direction CD = Cross Direction Test climate: 50% RH, 23°C

The table shows typical data.

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CMT not applicable on higher grammages.