

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	4,9	5,3	5,7	ISO 9895
	CD	kN/m	2,6	2,9	3,2	
Tensile Stiffness	MD	kN/m	1030	1140	1230	ISO 1924
	CD	kN/m	400	440	500	
Moisture		%	9	9	9	ISO 287

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

The table shows typical data.

Rev. 202501

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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	6,0	6,4	7,1	ISO 9895
	CD	kN/m	3,4	3,8	4,4	
Tensile Stiffness	MD	kN/m	1300	1380	1540	ISO 1924
	CD	kN/m	550	600	720	
Moisture		%	9	9	9	ISO 287

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The table shows typical data.

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CMT not applicable on higher grammages.