

Technical Data Sheet

■ Approved Div. : Technological Environment Team

■ Document Date : 16-Aug-18

Product Name		INSPER M Smooth					
Color		Extrawhite					
Characteristic	Unit	105g Spec	128g Spec	157g Spec	209g Spec	233g Spec	262g Spec
Basis Weight	g/m ²	120 ± 4	144 ± 4	173 ± 4	228 ± 4	253 ± 4	286 ± 4
Thickness	µm	118 ± 3	141 ± 3	170 ± 3	224 ± 3	249 ± 3	280 ± 3
Moisture	%	5.0 ± 0.5	5.0 ± 0.5	5.0 ± 0.5	5.0 ± 0.5	5.0 ± 0.5	5.0 ± 0.5
Sizing degree	sec	15 ↑	15 ↑	15 ↑	15 ↑	15 ↑	15 ↑
Smoothness	TS	sec	60 ↑	60 ↑	60 ↑	60 ↑	60 ↑
	WS		50 ↑	50 ↑	50 ↑	50 ↑	50 ↑
Brightness	%	110 ↑	110 ↑	110 ↑	110 ↑	110 ↑	110 ↑
Whiteness	%	141 ± 2	141 ± 2	141 ± 2	141 ± 2	141 ± 2	141 ± 2
Curl	mm	0 ± 2	0 ± 2	0 ± 2	0 ± 2	0 ± 2	0 ± 2

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Product Name		INSPER M EggshellPack				
Color		Extra White				
Characteristic		Unit	300g Spec	350g Spec	400g Spec	
Basis Weight		g/m ²	305 ± 5	353 ± 5	400 ± 5	KS M ISO 536
Thickness		μm	357 ± 4	417 ± 4	480 ± 4	KS M ISO 534
Moisture		%	5.5 ± 0.5	5.5 ± 0.5	5.5 ± 0.5	TAPPI T 412
Smoothness	TS	sec	10 ↑	8 ↑	6 ↑	KS M ISO 5627
	WS		8 ↑	6 ↑	4 ↑	
Roughness	TS	μm	8.5 ± 0.5	9.5 ± 0.5	9.5 ± 0.5	KS M ISO 8791-4
	WS		9.0 ± 0.5	10.0 ± 0.5	10.0 ± 0.5	
Brightness		%GE	110 ↑	110 ↑	110 ↑	ASTM E313
Whiteness		%GE	142 ± 1	142 ± 1	142 ± 1	