



POWERCOAT®



# Technical Data Sheet

Powercoat HD				
Paper Specifications	Units	Average Values		Norms
		Powercoat HD 95	Powercoat HD 230	
Grammage	gsm	95 +/- 4	220 +/- 6	ISO 536
Thickness	µm	90 +/- 5	220 +/- 10	ISO 534
Smoothness Ra	nm	< 20	< 20	ISO 5627
Tear	mN	> 400	> 1000	NF EN 21974
Burst	kPa	> 180	> 550	ISO 2758
Humidity	%	5.5 +/- 0.5 %	4 +/- 0.5 %	ISO 287
Brightness		>= 78	>= 80	ISO 2470
Yellowing after curing		dE < 1.5	dE < 1.5	Internal method (5 mn at 180°C)
Yellowing after curing		dE < 4.5	dE < 3.5	Internal method (5 mn at 200°C)
Shrinkage MD	%	-0.45	-0.35	Unrestrained at 200°C/ 5mn
Shrinkage CD	%	-0.9	-0.83	Unrestrained at 200°C/ 5mn
Shrinkage MD	%	-0.14	-0.1	Reconditioned at 23°C / 50 RH
Shrinkage CD	%	-0.17	-0.13	Reconditioned at 23°C / 50 RH