



POWERCOAT®

x_d

Technical Data Sheet

Powercoat XD

Paper Specifications	Units	Average Values			Norms
		Powercoat XD 80	Powercoat XD 125	Powercoat XD 200	
Grammage	gsm	86 +/- 4	125 +/- 5	200 +/- 6	ISO 536
Thickness	µm	87 +/- 5	130 +/- 5	200 +/- 10	ISO 534
Smoothness (Bekk)	Second	130 +/- 30	100 +/- 30	80 +/- 20	ISO 5627
Tear	mN	> 400	> 550	> 850	NF EN 21974
Burst	kPa	> 180	> 300	> 450	ISO 2758
Humidity	%	4.5 +/- 0.5 %	4.5 +/- 0.5 %	4.5 +/- 0.5 %	ISO 287
Brightness		>= 80	>= 80	>= 80	ISO 2470
Yellowing after curing		dE < 2.8	dE < 2.8	dE < 2.6	Internal method (5 mn at 180°C)
Shrinkage MD	%	-0.35	-0.35	-0.35	Unrestrained at 200°C/ 5mn
Shrinkage CD	%	-0.5	-0.7	-0.7	Unrestrained at 200°C/ 5mn
Shrinkage MD	%	-0.1	-0.1	-0.07	Reconditioned at 23°C / 50 RH
Shrinkage CD	%	-0.1	-0.19	-0.14	Reconditioned at 23°C / 50 RH