

Steinbeis Papier Glückstadt GmbH & Co. KG

Technical Data Sheet - Charisma Brilliant (reels)

Raw Material/Furnish	100 % deinked Pulp (100 % post consumer) no chlorine bleaching in production process			
Environmental Symbols	Blue Angel Nordic Swan (Norway)			
Grammage/Substance:	57 g/m ²	60 g/m ²	65 g/m ²	70 g/m ²
Grammage [g/m ²] (DIN EN ISO 534)	57 ± 2,5 %	60 ± 2,5 %	65 ± 2,5 %	70 ± 2,5 %
Thickness [µm] (DIN EN 20534/ISO534)	51 ± 3	54 ± 3	58 ± 3	63 ± 3
Volume [cm ³ /g]	0,90 ± 0,10	0,90 ± 0,10	0,90 ± 0,10	0,90 ± 0,10
Tensile Strength [Nm/g] (DIN EN ISO 1924-2)	50 ± 5	50 ± 5	50 ± 5	47 ± 4
Surface:	softcalendered			
Smoothness Bekk [sec] (DIN 53107)	400 ± 75	400 ± 75	400 ± 75	350 ± 75
Opacity [%] (DIN 53.164)	92 ± 2	93 ± 2	94 ± 2	95 ± 2
Gloss (Gardner 75°)	52 ± 3	52 ± 3	52 ± 3	52 ± 3
Brightness [%] (ISO 2470)	80 ± 1	80 ± 1	81 ± 1	81 ± 1
Relative humidity [%]	45 ± 5	45 ± 5	45 ± 5	45 ± 5
Ageing properties (DIN 6738-92)	Group LDK 12 - 80 ≈ several 100 years			
Recommended screen	60 - 70 L/cm			
Recommended inks	Heatset Web Offset inks for LWC- or SC-Offset			