

conqueror⁴

Stonemarque

Common Attributes	Units	Test Method	100gsm	120gsm	160gsm	220gsm	300gsm
Wood Pulp & Bleach Type			ECF Cotton Linters, FSC ECF Virgin Woodfree,				
Printing Process Suitability			Litho, Letterpress, Silk Screen, Dry Offset (Toray)				
Mono Laser Guaranteed			Yes	Not guaranteed for office print technology			
Colour Laser Guaranteed			Yes				
Mono Ink Jet Guaranteed			Yes				
Colour Ink Jet Guaranteed			Yes				
Recommended p.H. of Fount Solution			5.5 ± 0.5				
Surface p.H.		TAPPI 5290M	≈ 7.5				
None Aging Credentials		ISO 9706	Yes				
Environmental Label		ISO 14001	Yes				
Quality Management		ISO 9002 : 2000	Yes				
Moisture Content	%	ISO 287	5,7		6,7		
Relative Humidity	%	TAPPI T502	35 – 55		40 - 60		
Caliper	µm	ISO 534	159*	187*	230*	320	420*
Whitest Shade Opacity	%	ISO 2471	90	92	95		N/A
Bendtsen Roughness	ml/min	ISO 2494	Ω 1100	Ω 1100	Ω 1500	Ω 1500	Ω 1500
Stiffness M Direction	mN	ISO 2493	200	280	25	130	160
C Direction		L+W, <i>TABER</i>	100	150	15	65	80

* Due to the texturing process the thickness of the paper will vary hence this figure is a guide only.

Ω Conqueror Texture Stonemarque is textured to a visual standard therefore it is not possible to give accurate roughness values.