

Titan Matt Eco (80~118g)

Characteristic	Unit	80g	90g	95g	100g	105g	113g	118g	Test Method
Basis Weight	g/m²	80 ± 3	90 ± 3	95 ± 3	100 ± 3	105 ± 3	113 ± 3	118 ± 4	Tappi 410
Thickness	µm	71 ± 3	80 ± 3	85 ± 3	90 ± 3	95 ± 3	102 ± 3	107 ± 3	Tappi 411
Brightness	%	90 ± 3	90 ± 3	90 ± 3	90 ± 3	90 ± 3	90 ± 3	90 ± 3	Tappi 525
Whiteness	%	113 ± 3	113 ± 3	113 ± 3	113 ± 3	113 ± 3	113 ± 3	113 ± 3	Tappi 560
Opacity	%	87 ↑	89 ↑	90 ↑	91 ↑	92 ↑	93 ↑	94 ↑	Tappi 519
Gloss	%	37 ± 5	37 ± 5	37 ± 5	37 ± 5	37 ± 5	37 ± 5	37 ± 5	Tappi 480
Roughness	µm	2.5 ↓	2.5 ↓	2.5 ↓	2.5 ↓	2.5 ↓	2.5 ↓	2.5 ↓	Tappi 555

Titan Matt Eco (128~180g)

Characteristic	Unit	128g	135g	140g	148g	157g	170g	180g	Test Method
Basis Weight	g/m ²	128 ± 4	135 ± 4	140 ± 4	148 ± 4	157 ± 5	170 ± 5	180 ± 5	Tappi 410
Thickness	μm	116 ± 3	124 ± 4	130 ± 4	145 ± 4	155 ± 5	161 ± 5	177 ± 5	Tappi 411
Brightness	%	90 ± 3	90 ± 3	90 ± 3	90 ± 3	90 ± 3	90 ± 3	90 ± 3	Tappi 525
Whiteness	%	113 ± 3	113 ± 3	113 ± 3	113 ± 3	113 ± 3	113 ± 3	113 ± 3	Tappi 560
Opacity	%	94 ↑	94 ↑	96 ↑	96 ↑	96 ↑	97 ↑	97 ↑	Tappi 519
Gloss	%	37 ± 5	37 ± 5	37 ± 5	37 ± 5	37 ± 5	37 ± 5	37 ± 5	Tappi 480
Roughness	μm	2.5 ↓	2.5 ↓	2.5 ↓	2.5 ↓	2.5 ↓	2.5 ↓	2.5 ↓	Tappi 555

Titan Matt Eco (195~350g)

Characteristic	Unit	195g	218g	230g	235g	270g	300g	350g	Test Method
Basis Weight	g/m²	195 ± 6	218 ± 7	230 ± 7	235 ± 7	270 ± 8	300 ± 9	350 ± 10	Tappi 410
Thickness	μm	196 ± 6	229 ± 7	230 ± 7	235 ± 7	283 ± 8	320 ± 10	373 ± 13	Tappi 411
Brightness	%	90 ± 3	90 ± 3	90 ± 3	90 ± 3	90 ± 3	90 ± 3	90 ± 3	Tappi 525
Whiteness	%	113 ± 3	113 ± 3	113 ± 3	113 ± 3	113 ± 3	113 ± 3	113 ± 3	Tappi 560
Opacity	%	97 ↑	97 ↑	98 ↑	98 ↑	98 ↑	98 ↑	99 ↑	Tappi 519
Gloss	%	37 ± 5	38 ± 5	38 ± 5	38 ± 5	38 ± 5	38 ± 5	38 ± 5	Tappi 480
Roughness	μm	2.5 ↓	2.7 ↓	2.7 ↓	2.7 ↓	2.7 ↓	2.7 ↓	2.7 ↓	Tappi 555