

Titan Art Eco (80~118g)

Characteristic	Unit	80g	90g	95g	100g	105g	113g	118g	Test Method
Basis Weight	g/m ²	80 ± 3	90 ± 3	95 ± 3	100 ± 3	105 ± 3	113 ± 3	118 ± 4	Tappi 410
Thickness	μm	64 ± 3	72 ± 3	76 ± 3	80 ± 3	84 ± 3	90 ± 3	95 ± 3	Tappi 411
Brightness	%	88 ± 3	88 ± 3	88 ± 3	88 ± 3	88 ± 3	88 ± 3	88 ± 3	Tappi 525
Whiteness	%	115 ± 3	115 ± 3	115 ± 3	115 ± 3	115 ± 3	115 ± 3	115 ± 3	Tappi 560
Opacity	%	88 ↑	90 ↑	91 ↑	92 ↑	92 ↑	93 ↑	94 ↑	Tappi 519
Gloss	%	74 ± 5	74 ± 5	74 ± 5	74 ± 5	74 ± 5	74 ± 5	74 ± 5	Tappi 480
Roughness	μm	1.5 ↓	1.5 ↓	1.5 ↓	1.5 ↓	1.5 ↓	1.5 ↓	1.5 ↓	Tappi 555

Titan Art 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	103 ± 3	108 ± 3	112 ± 3	120 ± 4	127 ± 4	140 ± 4	149 ± 4	Tappi 411
Brightness	%	88 ± 3	88 ± 3	88 ± 3	88 ± 3	88 ± 3	88 ± 3	88 ± 3	Tappi 525
Whiteness	%	115 ± 3	115 ± 3	115 ± 3	115 ± 3	115 ± 3	115 ± 3	115 ± 3	Tappi 560
Opacity	%	94 ↑	95 ↑	95 ↑	96 ↑	96 ↑	96 ↑	96 ↑	Tappi 519
Gloss	%	74 ± 5	74 ± 5	74 ± 5	74 ± 5	74 ± 5	74 ± 5	74 ± 5	Tappi 480
Roughness	μm	1.5 ↓	1.5 ↓	1.5 ↓	1.5 ↓	1.5 ↓	1.5 ↓	1.5 ↓	Tappi 555

Titan Art Eco (200~350g)

Characteristic	Unit	200g	218g	230g	250g	270g	300g	350g	Test Method
Basis Weight	g/m ²	200 ± 6	218 ± 7	230± 7	250 ± 8	270 ± 8	300 ± 9	350 ± 10	Tappi 410
Thickness	μm	180 ± 5	196 ± 6	211± 6	231 ± 7	251 ± 8	284 ± 9	331 ± 12	Tappi 411
Brightness	%	88 ± 3	88 ± 3	88 ± 3	88 ± 3	88 ± 3	88 ± 3	88 ± 3	Tappi 525
Whiteness	%	115 ± 3	115 ± 3	115 ± 3	115 ± 3	115 ± 3	115 ± 3	115 ± 3	Tappi 560
Opacity	%	97 ↑	97 ↑	97 ↑	98 ↑	98 ↑	98 ↑	99 ↑	Tappi 519
Gloss	%	72 ± 5	72 ± 5	72 ± 5	72 ± 5	72 ± 5	72 ± 5	70 ± 5	Tappi 480
Roughness	μm	2.0 ↓	2.0 ↓	2.0 ↓	2.0 ↓	2.0 ↓	2.0 ↓	2.0 ↓	Tappi 555