

SPECIFICATION

Issued by : Peeraphan T.

Effective date: 15/09/2025

Document No. SP-MK-140

Ref. 8.2

Edition No. 16

Index no. 8

Approved by : Wanarat D.

Page 1 (1)

PRODUCT SPECIFICATION: aA-COPY

Nominal grammage, g/m ²	70	75	80
Basis weight, g/m ²	69 – 73	73 – 77	78 – 82
Moisture, %	3.0 - 4.2	3.0 - 4.2	3.0 - 4.2
Thickness, µm	98 – 102	100 – 104	106 – 110
Surface roughness TS ml/min	50 – 150	50 – 150	50 – 150
Surface roughness BS ml/min	80 – 180	80 – 180	80 – 180
Bending stiffness MD, mN	>90	>100	>120
Bending stiffness CD, mN	>45	>50	>55
Opacity, %	>91	>92	>95
D65 Brightness D65, %	100 – 106	100 – 106	100 – 106
ISO Brightness (C-light), % *	92-96	92-96	92-96
CIE D65 Whiteness	147 - 153	147 - 153	147 - 153

* For USA market only

The quality specification is to be used for information only and must not be used as a legal document.

The specification refers to an average of a composite sample withdrawn from a lot with random sampling according to ISO 186 : 2002

Testing conditions:

Relative humidity 50%, Temp. 23 °C

ISO 187 : 2022

Testing methods:

Grammage according to

ISO 536 : 2019

Moisture according to

ISO 287 : 2017

Thickness measurement on single sheets

ISO 534 : 2011

Surface roughness according to Bendtsen

ISO 8791 - 2 : 2013

Bending stiffness according to

ISO 2493-1 : 2010

Opacity according to

ISO 2471 : 2008

D65-Brightness according to

ISO 2470-2 : 2008

ISO-Brightness according to

ISO 2470-1 : 2016

CIE Whiteness according to

ISO 11475 : 2017