

Scope of Suspended Laboratory Accreditation

Laboratory Name : Paper Laboratory D.A. Research Center Company Ltd.
 Address : 122 Moo 2, Tambon Thatoom, Amphoe Srimahaphote,
 Changwat Prachinburi 25140

Accreditation Number : Testing - 0022

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Uncoated printing paper	- Basis weight 50 g/m ² to 200 g/m ² - Basis weight 50 g/m ² to 200 g/m ² - CIE whiteness 100 to 160 - ISO Brightness 80 % to 110 % - D65 Brightness 80 % to 110 % - Opacity 80 % to 100 % - Moisture 2 % to 10 % - Thickness 50 µm to 200 µm - Density 600 kg/m ³ to 800 kg/m ³ - Roughness 10 ml/min to 200 ml/min - Water absorptiveness cobb method (at 60 seconds) 15 g/m ² to 40 g/m ²	ISO 536 : 2012 In - house method : WI-PM-101 based on ISO 536 : 2012 ISO 11475 : 2004 ISO 2470-1 : 2016 ISO 2470-2 : 2008 ISO 2471 : 2008 ISO 287 : 2009 ISO 534 : 2011 In - house method : WI-PM-101 base on ISO 534 : 2011 In - house method : WI-PM-101 base on ISO 8791-2 : 2013 ISO 535 : 2014

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1 (cont.)	Uncoated printing paper	- Resistance of bending 20 mN to 350 mN	ISO 2493-1 : 2010
		- Tensile strength 2 kN/m to 10 kN/m	ISO 1924-3 : 2005
		- Tensile strength 2 kN/m to 10 kN/m	In - house method : WI-PM-101 based on ISO 1924-3 : 2005
		- Tearing resistance 300 mN to 1 200 mN	In - house method: WI-PM-101 based on ISO 1974 : 2012
		- Air permeance 400 ml/min to 1 500 ml/min	In - house method: WI-PM-101 based on ISO 5636-3 : 2013
2	Xerographic paper	- Basis weight 50 g/m ² to 200 g/m ²	ISO 536 : 2012
		- Basis weight 50 g/m ² to 200 g/m ²	In - house method : WI-PM-101 based on ISO 536 : 2012
		- CIE whiteness 100 to 160	ISO 11475 : 2004
		- ISO Brightness 80 % to 110 %	ISO 2470-1 : 2016
		- D65 Brightness 80 % to 110 %	ISO 2470-2 : 2008
		- Opacity 80 % to 100 %	ISO 2471 : 2008

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2 (cont.)	Xerographic paper	<ul style="list-style-type: none"> - Moisture 2 % to 10 % - Thickness 50 µm to 200 µm - Density 600 kg/m³ to 800 kg/m³ - Roughness 10 ml/min to 200 ml/min - Water absorptiveness cobb method (at 60 seconds) 15 g/m² to 40 g/m² - Resistance of bending 20 mN to 350 mN - Tensile strength 2 kN/m to 10 kN/m - Tensile strength 2 kN/m to 10 kN/m - Tearing resistance 300 mN to 1 200 mN - Air permeance 400 ml/min to 1 500 ml/min 	<ul style="list-style-type: none"> ISO 287 : 2009 ISO 534 : 2011 In - house method : WI-PM-101 base on ISO 534 : 2011 In - house method : WI-PM-101 base on ISO 8791-2 : 2013 ISO 535 : 2014 ISO 2493-1 : 2010 ISO 1924-3 : 2005 In - house method : WI-PM-101 based on ISO 1924-3 : 2005 In - house method : WI-PM-101 based on ISO 1974 : 2012 In - house method : WI-PM-101 based on ISO 5636-3 : 2013