

Name of Laboratory : Paper Testing Laboratory, Panjapol Paper Industry Co., Ltd.
Address : 51 Moo 3 K.M.22, Patum-Sena Road,
Tambon Hormok Amphoe Bangsai,
Changwat Ayutthaya 13190
Accreditation Number : Testing - 0016
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Initial Issue Date : 1st March 2007
Issue Date : 28th February 2022
Expired date : 27th February 2026
Standard : ISO/IEC 17025:2017
Reference No. : 0303/3159

Scope of Testing Laboratory Accreditation

Laboratory Name : Paper Testing Laboratory, Panjapol Paper Industry Co., Ltd.

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Accreditation Number : Testing - 0016

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Kraft Paper : - Liner	- Bursting strength 390 kPa to 980 kPa (4 kgf/cm ² to 10 kgf/cm ²) - Bursting strength 390 kPa to 980 kPa (4 kgf/cm ² to 10 kgf/cm ²) - Basis weight 125 g/m ² to 250 g/m ² - Basis weight 125 g/m ² to 250 g/m ²	ISO 2759 : 2014 In - house method : T-01 based on ISO 2759 : 2014 ISO 536 : 2019 In - house method : T-02 based on ISO 536 : 2019

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1 (cont.)	Kraft Paper : - Liner	- Moisture 7.1 % to 9.8 % - Water absorptiveness Cobb method (at 120 seconds) 40 g/m ² to 110 g/m ² - Compressive strength Ring crush method 12 kgf to 47 kgf - Compressive strength Ring crush method 10 kgf to 60 kgf	In - house method : T-05 ISO 287 : 2017 ISO 535 : 2014 ISO 12192 : 2011 In - house method : T-04 based on ISO 12192 : 2011

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1 (cont.)	Kraft Paper : - Liner	- Roughness 300 ml/min to 1 100 ml/min - Roughness 300 ml/min to 1 100 ml/min - Tearing resistance 850 mN to 2 000 mN - Tensile strength 4 kN/m to 12 kN/m - Folding endurance 65 number of double folds to 300 number of double folds	ISO 8791-2 : 2013 In - house method : T-09 based on ISO 8791-2 : 2013 ISO 1974 : 2012 ISO 1924-2 : 2008 ISO 5626 : 1993

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1 (cont.)	Kraft Paper : - Liner	- Thickness 140 µm to 300 µm - Thickness 161 µm to 325 µm	ISO 534 : 2011 In - house method : T-03 based on ISO 534 : 2011
2	Kraft Paper - Corrugating medium	- Bursting strength 290 kPa to 790 kPa (3 kgf/cm ² to 4 kgf/cm ²) - Bursting strength 290 kPa to 790 kPa (3 kgf/cm ² to 4 kgf/cm ²)	ISO 2759 : 2014 In - house method : T-01 based on ISO 2759 : 2014

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2 (cont.)	Kraft Paper - Corrugating medium	- Basis weight 130 g/m ² to 190 g/m ² - Basis weight 130 g/m ² to 190 g/m ² - Moisture 7.4 % to 8.5 % - Water drop absorption test 50 s/0.05 cm ³ of water to 70 s/0.05 cm ³ of water - Water drop absorption test 50 s/0.05 cm ³ of water to 70 s/0.05 cm ³ of water	ISO 536 : 2019 In - house method : T-02 based on ISO 536 : 2019 In - house method : T-05 based on ISO 287 : 2017 TISI. 321-2560 In - house method : T-08 based on TISI. 321-2560

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2 (cont.)	Kraft Paper - Corrugating medium	- Compressive strength Ring crush method 19 kgf to 27 kgf - Compressive strength Ring crush method 19 kgf to 27 kgf - Flat crush resistance after laboratory fluting 21 kgf to 30 kgf - Flat crush resistance after laboratory fluting 20 kgf to 24 kgf	ISO 12192 : 2011 In - house method : T-04 based on ISO 12192 : 2011 ISO 7263 : 2011 In - house method : T-07 based on ISO 7263 : 2011

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2 (cont.)	Kraft Paper - Corrugating medium	- Thickness 196 µm to 287 µm - Thickness 224 µm to 297 µm	ISO 534 : 2011 In - house method : T-03 based on ISO 534 : 2011

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