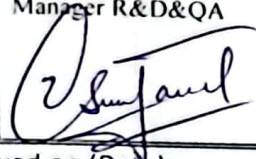
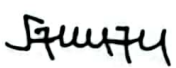


PACKAGES CONVERTORS LIMITED BU-FC

Document type
Work Instruction

Title
ROUGHNESS TESTING.

Prepared by Asad Javed Manager R&D&QA 	Approved by Salman Fazul -ur Rehman BUMFC 	PAGE 1(1)	REV 1	DATE 01.07.2024	DOC NO. WIQA/BU-FC/8.2.4/24
viewed on (Date):	Reviewed on (Date):	Reviewed on (Date):	Reviewed on (Date):	Reviewed on (Date):	Reviewed on (Date):
Reviewed by:	Reviewed by:	Reviewed by:	Reviewed by:	Reviewed by:	Reviewed by:
approved on (Date):	Approved on (Date):	Approved on (Date):	Approved on (Date):	Approved on (Date):	Approved on (Date):
Approved by:	Approved by:	Approved by:	Approved by:	Approved by:	Approved by:

1.0 SCOPE:

This test method describes the procedure to determine the roughness of single sheet of board.

2.0 REFERENCE:

- 2.1 SCAN - P21:67
- 2.2 Equipment Manual.

3.0 DEFINITIONS:

The flow of air, under a constant pressure, escapes between the paper surface and flat metal ring of the testing head.

4.0 EQUIPMENT:

- 4.1 L&W Bendtsen Tester.

5.0 TEST PROCEDURE:

- 5.1 Check the voltage and compressed air to the instrument is switched on.
- 5.2 Set the measuring air pressure 1.47 KPa.
- 5.3 Check the reading of air flow meter is zero.
- 5.4 Set the distributor for measuring air to roughness.
- 5.5 Place the sample on a flat glass plate and then place the loading plate on it.
- 5.6 Place the measuring head in the holes of loading plate one by one and take four readings from each sample. Take average of four readings as a single value.
- 5.7 Each slit will be released separately on the basis of single value results.
- 5.8 If the roughness is above 200 ml/min use the high measuring range.

6.0 RESPONSIBILITY:

QA Supervisor/ Lab Assistant

