



# NABL

## National Accreditation Board for Testing and Calibration Laboratories

(An Autonomous Body under Department of Science & Technology, Govt. of India)

### CERTIFICATE OF ACCREDITATION

## AVANTHA CENTRE FOR INDUSTRIAL RESEARCH & DEVELOPMENT

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2005**

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at  
Paper Mill Campus, Yamuna Nagar, Haryana

in the discipline of  
**MECHANICAL TESTING**

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))


**Certificate Number** T-3079  
**Issue Date** 22/08/2016



**Valid Until** 21/08/2018

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the additional requirements of NABL.

Signed for and on behalf of NABL

  
N. Venkateswaran  
Program Manager

  
Anil Relia  
Director

  
Prof. S. K. Joshi  
Chairman



# NABL

## SCOPE OF ACCREDITATION

Laboratory	Avantha Centre for Industrial Research & Development, Paper Mill Campus, Yamuna Nagar, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	22.08.2016
Certificate Number	T-3079	Valid Until	21.08.2018
Last Amended on	29.09.2016	Page	1 of 1

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
<b>I. PAPER &amp; PAPER PRODUCT</b>				
1.	Paper & Paper Product	Burst Index	IS 1060 (Part 1): 1966 (RA 2014)	0.5 kN/g to 10 kN/g
		Tear Index	IS 1060 (Part 1): 1966 (RA 2014)	0.5 mN.m <sup>2</sup> /g to 20 mN.m <sup>2</sup> /g
		Tensile Index	IS 1060 (Part 1): 1966 (RA 2014)	5 N.m/g to 100 N.m/g
		Thickness	IS 1060 (Part 1): 1966 (RA 2014)	5 µm to 1000 µm
		Folding Endurance	ISO 5626: 1993	1 No. to 3000 No.
		Gloss	IS 1060 (Part 1): 1966 (RA 2014)	6 % to 98 %
		Bendtsen Roughness	IS 9894: 1981 (RA 2008)	(1 ml to 4000 ml)/min
		Air Permeance	IS 4006 (Part 1): 1985 (RA 2008)	(0.3 ml to 8800 ml)/min

-X-X-X-X-X-X-X-X-X-X-X-X-

Gaurav Saini  
Convenor

N. Venkateswaran  
Program Manager