



# NABL

**Department of Science & Technology, India**

## SCOPE OF ACCREDITATION

Laboratory Hemshell Services, Mumbai

Accreditation Standard ISO/IEC 17025:2005

Field Mechanical Testing

Issue Date 30.01.2010

Certificate Number T-1713

Valid Until 29.01.2012

Last Amended on -

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
1.	Plastics - Barrier Materials (Flat Films & Finished Packages) used in Packaging Applications	Water Vapour Transmission Rate (WVTR) Oxygen Transmission Rate (OTR)	ASTM F 1249 - 2006 ASTM E 398 - 2003 ASTM D 3985 - 2005 ASTM F 1927 - 2007 ASTM D 1307 - 2002	0.005 to 1000 gm/m <sup>2</sup> /day, 0.0003 to 64.5 gm/100 in 2/day, 0.00003 to 0.5 gm/pkg/day 0.05 to 2000 cc/(m <sup>2</sup> -day), 0.003 to 130 cc/(100 in 2-day) 0.00025 to 1 gm/pkg/day

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Convenor