National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : C&I LAB, EPL LIMITED, AT VASIND, TAL SHAHAPUR, VASHIND, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10896 **Page No** 1 of 2

Validity 04/08/2022 to 03/08/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- PLASTIC & RESINS	Plastic Films, Laminates and Polymers	Material Identification- Fourier Transform Infrared Spectroscopy (FTIR)	ASTM E1252
2	CHEMICAL- PLASTIC & RESINS	Plastic Films, Laminates and Polymers	Melting Point Analysis-Differential Scanning Calorimetry (DSC)	ASTM D3418
3	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Inter Layer Bond Strength-ILBS (1st layer)	ASTM F904
4	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Inter Layer Bond Strength-ILBS (2nd layer)	ASTM F904
5	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Maximum Tear Propagation Force (MD)	ASTM D1938
6	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Maximum Tear Propagation Force (TD)	ASTM D1938
7	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Oxygen Transmission Rate (OTR)	ASTM D3985
8	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Percentage Elongation at Break (MD)	ASTM D882
9	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Percentage Elongation at Break (TD)	ASTM D882
10	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Percentage Elongation at Upper Yield (MD)	ASTM D882
11	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Percentage Elongation at Upper Yield (TD)	ASTM D882
12	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	plastic films and Laminates	Tensile Strength (MD)	ASTM D882
13	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	plastic films and Laminates	Tensile Strength (TD)	ASTM D882
14	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Trouser Tear Strength Per Unit Thickness (MD)	ASTM D1938
15	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Trouser Tear Strength Per Unit Thickness (TD)	ASTM D1938
16	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Water Vapor Transmission Rate (WVTR)	ASTM F1249
17	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Youngs Modulus (MD)	ASTM D882

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18	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Films and Laminates	Youngs Modulus (TD)	ASTM D882