National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PRODUCT APPLICATIONS & RESEARCH CENTRE (PARC), ONGC PETRO ADDITIONS LIMITED, PLOT NO. Z/1 & Z/83 SEZ-1, DAHEJ INDUSTRIAL AREA, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10820 **Page No** 1 of 2

Validity 14/07/2022 to 13/07/2024 **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	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic and Raw Materials	Moisture Content	ASTM D6980
2	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Film and Thin Sheet	Elongation at Break	ASTM D882
3	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Film and Thin Sheet	Tensile Strength	ASTM D882
4	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Granules and Products	Density	ASTM D1505
5	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Apparent Density	ASTM D1895 (Method A & B)
6	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Charpy Impact Strength	ASTM D6110
7	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Charpy Impact Strength	ISO 179
8	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Elongation at Break	ASTM D638
9	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Elongation at Break	ISO 527 (Part 1 & 2)
10	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Flexural Modulus	ASTM D790
11	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Flexural Modulus	ISO 178
12	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Flexural Strength	ASTM D790
13	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Izod Impact Strength (Notched)	ASTM D256
14	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Izod Impact Strength (Notched)	ISO 180
15	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Tensile Strength	ASTM D638
16	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and Products	Tensile Strength	ISO 527 (Part 1 & 2)
17	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Products and Material	Accelerated Weathering Test	ASTM G151, D4329
18	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Products and Material	Environment Stress Cracking Resistance	ASTM D1693

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19	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Products and Material	Melt Flow Rate	ASTM D1238
20	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Products and Material	Melt Flow Rate	ISO 1133 (Part 1)
21	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Plastic Products	Specular Gloss	ASTM D2457, D523
22	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Plastic Products	Whiteness Index	ASTM E313
23	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Plastic Products	Yellowness Index	ASTM E313