National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : POLYMER SCIENCE AND DIAGONOSTIC CENTER (PSDC), NO: 349 & 350, 9TH CROSS, 4TH PHASE, PEENYA INDUSTRIAL AREA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7588 **Page No** 1 of 2

Validity 14/10/2022 to 11/07/2023 **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	Plastics	Charpy Notched Impact resistance	ASTM D 6110
2	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Charpy Unnotched Impact strength	ISO 179
3	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Compositional analysis by TGA	ASTM E 1131
4	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Flexural modulus	ASTM D790
5	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Flexural Modulus	ISO 178
6	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Flexural Strength	ASTM D 790
7	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Flexural strength	ISO 178
8	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Heat deflection temperature	ASTM D648
9	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Heat Deflection temperature	ISO 75
10	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Izod Impact strength	ISO 180
11	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Izod Impact strength (Notched)	ASTM D 256
12	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Izod Unnotched Impact resistance	ASTM D 4812
13	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Melt flow rate	ASTM D 1238
14	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Strain at break	ASTM D 638
15	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Strain at break	ISO 527
16	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Strain at yield	ASTM D638
17	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Strain at yield	ISO 527
18	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Tensile modulus	ISO 527

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19	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Tensile Modulus of Elasticity	ASTM D 638
20	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Tensile strength	ASTM D 638
21	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics	Tensile strength	ISO 527