National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QA AND R&D LABORATORY, PCBL LIMITED, KARIMUGAL, BRAHMAPURAM (P.O.), KOCHI, ERNAKULAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11265 **Page No** 1 of 2

Validity 06/01/2023 to 05/01/2025 **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- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Ash Content	ASTM D1506 (Method A)
2	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Attrition	ASTM D1508
3	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Compressed Oil Absorption Number (COAN)	ASTM D3493
4	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Fines Content	ASTM D1508 (Method A)
5	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Heating Loss	ASTM D1509
6	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Iodine Adsorption Number	ASTM D1510
7	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Nitrogen Surface Area (NSA)	ASTM D6556
8	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Oil Absorption Number (OAN)	ASTM D2414
9	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Pellet Size Distribution (Pan)	ASTM D1511
10	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Pellet Size Distribution (Sieve No. 10)	ASTM D1511
11	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Pellet Size Distribution (Sieve No. 120)	ASTM D1511
12	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Pellet Size Distribution (Sieve No. 18)	ASTM D1511
13	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Pellet Size Distribution (Sieve No. 35)	ASTM D1511
14	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Pellet Size Distribution (Sieve No. 60)	ASTM D1511
15	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	pH Value	ASTM D1512 (Method B)
16	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Pour Density	ASTM D1513
17	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Sieve Residue (100 Mesh)	ASTM D1514
18	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Sieve Residue (325 Mesh)	ASTM D1514

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19	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Sieve Residue (35 Mesh)	ASTM D1514
20	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Sieve Residue (500 Mesh)	ASTM D1514
21	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Statistical Thickness Surface Area (STSA)	ASTM D6556
22	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Tint Strength	ASTM D3265
23	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Toluene Discoloration	ASTM D1618
24	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Carbon Black	Mass Strength	ASTM D1937
25	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Carbon Black	Modulus Difference at 300% Elongation With Respect to IRB-9	ASTM D3192
26	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Carbon Black	Pellet Hardness - Average of Hardest 5 pellets (Average 25%)	ASTM D5230
27	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Carbon Black	Pellet Hardness (Average of 20)	ASTM D5230
28	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Carbon Black	Pellet Hardness (Single Maximum of 20)	ASTM D5230