National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RAMCHARAN COMPANY PRIVATE LIMITED - LABORATORY, 5/6 B2, AVADI ROAD, SENNEERKUPPAM, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8268 **Page No** 1 of 3

Validity 29/01/2022 to 28/01/2024 **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- RUBBER AND RUBBER PRODUCTS	Natural rubber & products , Synthetic Rubber and Products	Abrasion Loss	IS 3400 (Part-3)
2	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products , Synthetic Rubber and Products	Durometer Hardness	ISO 7619-2
3	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products , Synthetic Rubber and Products	Vulcanization Properties(By Rheometer Oscillating Disc Rheometer) Time Ts2 ,Tc90	IS 11720(Part-2)
4	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products , Synthetic Rubber and Products	Vulcanization Properties(By Rheometer Oscillating Disc Rheometer) Torque MH , ML	IS 11720 (Part-2)
5	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products ,Synthetic Rubber and Products	Modulus at 100%	ISO 37
6	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products ,Synthetic Rubber and Products	Tensile Strength	ISO 37
7	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products, Synthetic Rubber and Products	Abrasion Index	ISO 4649
8	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products, Synthetic Rubber and Products	Mooney Viscosity	ISO 289-1
9	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Abrasion Index	ASTM D 5963
10	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Abrasion Index	IS 3400 (Part - 3)
11	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Abrasion Loss	ASTM D 5963
12	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Abrasion Loss	ISO 4669
13	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Durometer Hardness	ASTM D 2240
14	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Durometer Hardness	IS 3400 (Part -23)
15	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber And Products	Elongation at Break	ASTM D 412
16	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Elongation at Break	IS 3400 (Part 1)
17	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Elongation at Break	ISO 37

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18	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Modulus at 100%	ASTM D 412
19	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Modulus at 100%	IS 3400 (Part 1)
20	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Modulus at 200%	ASTM D 412
21	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Modulus at 200%	IS 3400 (Part-1)
22	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Modulus at 200%	ISO 37
23	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Modulus at 300%	ASTM D 412
24	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Modulus at 300%	IS 3400 (Part 1)
25	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Modulus at 300%	ISO 37
26	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Mooney Scorch	ASTM D 1646: 07
27	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Mooney Viscosity	ASTM D 1646
28	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Mooney Viscosity	IS 1170(Part-3)
29	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Tear Strength	ASTM D 624
30	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Tear Strength	IS 3400 (Part 17)
31	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Tear Strength	ISO 34-1
32	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Tensile Strength	ASTM D 412
33	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Tensile Strength	IS 3400 (Part 1)
34	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Vulcanization Properties(By Rheometer Oscillating Disc Rheometer) Time Ts2 ,Tc90	ASTM D 2084
35	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Vulcanization Properties(By Rheometer Oscillating Disc Rheometer) Time Ts2 ,Tc90	ISO 6502-2

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36	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Vulcanization Properties(By Rheometer Oscillating Disc Rheometer) Torque MH , ML	ASTM D 2084
37	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products,Synthetic Rubber and Products	Vulcanization Properties(By Rheometer Oscillating Disc Rheometer) Torque MH , ML	ISO 289-1