



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Kulkarni Laboratory & Quality Management Services, E-1, Omega Heritage, DSK Vishwa Road, Dhayari, Pune, Maharashtra

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7556 (in lieu of T-2201)

Page 16 of 18

Validity 05.08.2018 to 04.08.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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MECHANICAL TESTING

I. RUBBER & RUBBER PRODUCTS				
1.	Natural Rubber & Products & Synthetic Rubber & Products	Tensile Strength	IS 3400 (Part 1) ASTM D 412 Die C	0.5 MPa to 100 MPa
		Elongation at break	IS 3400 (Part 1) ASTM D 412 Die C	10 % to 1000 %
		Compression set	IS 3400 (Part 10) ASTM D 395 Method B	1 % to 100 %
		Density at standard temperature	IS 3400 (Part 9) Method B	0.1 g/cm ³ to 3 g/cm ³
		Accelerated ageing	IS 3400 (Part 4)	Qualitative
		Ageing in oil	ASTM D 471	Qualitative
		Ageing in ISO Octane	IS 3400 (Part 6)	Qualitative
		Hardness Shore A	ASTM D 2240	1 Shore A to 100 Shore A
		Hardness Shore D	ASTM D 2240	1 Shore D to 90 Shore D
2.	Others: Sponge Rubber	Compressive strength	ASTM D 575 Method A	0.5 MPa to 80 MPa
		Apparent density	IND/ME/645(a) Appendix A IND/ME/943 Appendix B	0.1 g/cm ³ to 3 g/cm ³
		Compressibility under load Pressure 172.5KPa & 345.2 KPa	IND/ME/645(a) Appendix B IND/ME/943 Appendix A	10 % to 90 %
		Compression set	ASTM D 395 Method B	1 % to 100%
		Accelerated ageing	IS 3400 (Part 10)	Qualitative

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