

Laboratory **Dong-A India Automotive Pvt. Ltd., New No. 55, Old No. 101,
Thandalam Village, Sriperumbudur, Tamil Nadu**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-7095 (in lieu of T-2877)**

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Validity **11.03.2018 to 10.03.2020**

Last Amended on **27.03.2018**

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 AND RUBBER PRODUCTS			
1.	Cured elastomeric compound	Hardness (Shore A)	ISO 7619-1: 2010	30 to 90 Shore A
		Hardness (IRHD)	ISO 48:2010 Method -M	30 to 90 IRHD
		Density	ISO 2781: 2010 Method - A	0.01 to 5.0 g/cm ³
		Tensile Strength	ISO 37: 2017 Type 1A	TS from 1 N/mm ² to 30 N/mm ²
		Elongation @ Break		Elongation max 900 %
		Stress at (100%,200%,300%) strain		From 1 N/mm ² to 20 N/mm ²
		Tear Strength	ISO 34-1 :2015 Method - B	From 5 kN/m to 100 kN/m
		Compression set (%)	ISO 815-1:2014	5% to 90 %
		Accelerated ageing (at ambient to 250°C) Change in Hardness (points) Tensile strength (%) Elongation at break (%)	ISO 188: 2011	From +40 to -40 Points From +80 to -80 % From +80% to -80%
		Resistance to liquids/ Swelling test (at ambient to 300°C) Change in Hardness (points) Tensile strength (%) Elongation at break (%) Volume	ISO 1817: 2010	From +60 to -60 Points From +80 to -80 % From +80% to -80% -50 to +150 %