

NO: SAMM 464(Issue 2, 24 February 2025 replacement
of SAMM 464 dated 26 October 2023)

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LABORATORY LOCATION/ CENTRAL OFFICE:	KOSSAN Laboratory, KOSSAN Industries Sdn. Bhd Wisma Kossan, Lot 782, Jalan Sungai Putus Off Batu 3, Jalan Kapar , 42100, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	24 FEBRUARY 2025
FIELD(S) OF TESTING:	MECHANICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

CENTRAL LOCATION:	KOSSAN Laboratory, KOSSAN Industries Sdn. Bhd Wisma Kossan, Lot 782, Jalan Sungai Putus Off Batu 3, Jalan Kapar , 42100, Selangor
FIELD(S) OF TESTING :	MECHANICAL,

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Rubber/ Elastomer (vulcanizates With Double Rubber Disc Configuration)	Dynamic shear modulus and damping	EN 15129, Clause 8.2.4.2.5.2
Rubber/elastomer (vulcanizates/products)	Tensile Properties a) Tensile Strength b) Elongation at break c) Modulus	ASTM D412 ISO 37 JIS K 6251 AS 1683.11 DIN 53504 MS ISO 37

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Hardness a) Shore A b) IRHD	ASTM D2240 ISO 48-5 JIS K 6253-3 AS 1683.15.2 DIN ISO 48-4 MS ISO 48-4
	Compression Set	ASTM D395 (Method B) ISO 815-1 JIS K 6262 BS ISO 815-1 DIN ISO 815-1 MS ISO 815-1
	Tear Strength (Angle, Crescent & Trouser Tear)	ASTM D624 ISO 34-1 DIN ISO 34-1 AS 1683.12
	Abrasion Resistance	ASTM D5963 (Method A) ISO 4649 (Method A) DIN ISO 4649 (Method A) JIS K 6264-2 (Method A)
	Preparation of Test Pieces	ASTM D3183 ISO 23529
	Ozone Resistance Test (Static)	ASTM D1149 (Method B) ASTM D1171 ISO 1431-1 JIS K 6259-1 DIN ISO 1431-1 AS 1683.24
	Density Test	ISO 2781 (Method A) BS EN ISO 1183-1 (Method A) AS 1683.4 (Method A)
	Effect of Liquids i) Change in weight ii) Change in volume iii) Tensile Properties iv) Hardness (Shore A)	ASTM D471 ISO 1817 AS 1683.23 MS ISO 1817
	Rubber Properties in Compression	ASTM D575
	Accelerated Hot Air Heat Aging	ASTM D573 ISO 188 JIS K 6257 DIN 53508 BS ISO 188 MS ISO 188
	Rebound Resilience	DIN 53512
	Adhesion Strength	ASTM D429 (Method A)
	Low Temperature Brittleness	ASTM D2137 (Method A)

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