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The Reference Material (BAM-E010) delivered by BAM, Division 7.5 "Technical Properties of Polymeric Materials", is prepared for test purposes and tested in accordance with DIN EN ISO/IEC 17025:2005.

The properties of the rubber sheet **ISO 13226 SRE-NBR 34/SX** correspond with the requirements given in ISO 13226 (*).

The manufactured rubber reference plate is labelled (identification) as follows:

BAM	(producer)
ISO 13226	(standard)
SRE - NBR 34/SX	(type of elastomer)
BAM-E010	(product number)
XXXX	(identification number)
19	(year of production)

Measurement results: determined from samples taken from a single standard plate from the charge mixture employed to produce plate number xxxx.

	Requirements	Results	Standard Uncertainties
Density according to ISO 2781	(1,20 - 1,24) g/cm ³	1,2x g/cm ³	± 0,005 g/cm ³
Hardness according to ISO 48-2	(77 - 82) IRHD	8x IRHD	± 0,8 IRHD
Hardness according to ISO 48-4	(77 - 82) Shore A	8x Shore A	± 0,7 Shore A
Tensile strength according to ISO 37	(20 - 25) MPa	19,x MPa	± 1,6 MPa
Elongation at break according to ISO 37	(300 - 400) %	20x %	± 41 %
Increase in mass in liquid B for fuels, as in ISO 1817; 23 °C, 22 h	(17 - 20) %	2x %	± 0,6 %

The listed values for measurement uncertainties have a confidence level of 95 % (coverage factor=1,96). Measurement uncertainties are determined from the combination of measurement error and the standard deviation of the measurement results, resulting from inherent batch fluctuations.

(*) - material charges are manufactured according to the given standard. Within these limitations slight deviations from the recommended requirements, as clearly listed in the illustrated results table, may occur.

by order

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