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The Reference Material (BAM-E011) 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-HNBR/1X** correspond with the requirements given in ISO 13226 (*).

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

BAM	(producer)
ISO 13226	(standard)
SRE - HNBR/1X	(type of elastomer)
BAM-E011	(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	(1,16 - 1,20) g/cm ³	1,2x g/cm ³	± 0,003 g/cm ³
Hardness according to ISO 48-2	(72 - 77) IRHD	8x IRHD	± 1,6 IRHD
Hardness according to ISO 48-4	(72 - 77) Shore A	8x Shore A	± 0,5 Shore A
Tensile strength according to ISO 37	(24 - 29) MPa	19,x MPa	± 0,8 MPa
Elongation at break according to ISO 37	(250 - 310) %	20x %	± 23 %
Increase in mass in liquid B for fuels, as in ISO 1817; 23 °C, 22 h	(20 - 24) %	2x %	± 0,7 %

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

Bundesanstalt für Materialforschung und -prüfung (BAM)

Dietmar Schulze; Quality Manager
 Division 7.5
 Unter den Eichen 87
 12205 Berlin
 Federal Republic of Germany

Tel.: +49 30 8104-3340
 Fax: +49 30 8104-1707
 Email: crm-elastomer@bam.de
 Webshop: <https://www.webshop.bam.de/>