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The Reference Material (BAM-E013) 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-VMQ/1** correspond with the requirements given in ISO 13226 (\*).

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

BAM	(producer)
ISO 13226	(standard)
SRE - VMQ/1	(type of elastomer)
BAM-E013	(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.

Basic property	Requirements	Results	Standard Uncertainties
Increase in mass in dioctyl sebacate, as in ISO 1817; 100 °C, 22 h	(12 - 15) %	15x %	± 0,6 %

Additional properties	Requirements	Results	Standard Uncertainties
Density according to ISO 2781	(1,26 - 1,30) g/cm <sup>3</sup>	1,x g/cm <sup>3</sup>	± 0,005 g/cm <sup>3</sup>
Hardness according to ISO 48-2	(68 - 73) IRHD	7x IRHD	± 0,8 IRHD
Hardness according to ISO 48-4	(68 - 73) Shore A	6x Shore A	± 0,7 Shore A
Tensile strength according to ISO 37	(7 - 9) MPa	7,xMPa	± 1,6 MPa
Elongation at break according to ISO 37	(350 - 450) %	4x %	± 41 %

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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