BAM
Bundesanstalt für Materialforschung und -prüfung

REFERENCE MATERIAL DOCUMENT

REFERENCE MATERIAL BAM-E007

The sliders for the pendulum tester comply with the requirements of EN 1097-8; chapter 7.3 und annex D

Specification of the slider number XX:

Hardness according to ISO 48-2 at 23 °C: xx IRHD
measurement uncertainty: 0.8 IRHD

	Rebound resilience according to ISO 4662				
0 °C	10 °C	20 °C	23 °C	30 °C	40 °C
	measurement uncertainty: 0.6 %				

The mass of the slider complies with the requirement of (20 ± 5) g.

The listed values for measurement uncertainties have a confidence level of 95 % (coverage factor=2).

The uncertainty of the values is furthermore influenced by material-related deviations within a production batch. Therefore in individual cases a total uncertainty of about a factor of two higher may result.

End of Validity

The statements in this document concerning the properties of the described reference material are valid for 1 year from the date of shipment provided the reference material is stored cool, dry, protected from light and kept in a protective cover (the original pressure seal bag) completely closed.

Date of Production at BAM: (month, year)

Date of Shipment from BAM: (month, year)

Material Description

EN 1097-8, chapter 7.3 und annex D; TP Gestein-StB (PSV) describe a method for determining the slip/skid resistance of a surface using a device which remains stationary at the test location. The slip/skid resistance is measured by means of a slider (made with a standard rubber) mounted at the end of a pendulum arm. Upon releasing the pendulum arm from a horizontal position, the loss of energy as the slider assembly passes over the test surface is measured by the reduction in length of the upswing using a calibrated scale.

Handling

The conditions for using the RM BAM-E007 are described in the introduction of the corresponding technical report (see below).
It is strongly recommended to handle and dispose of the reference material in accordance with the guidelines for materials legally in force at the site of end use and disposal.

Identification

The slider is labelled indicating the producer (BAM), the month/year of production and identification number.

Specifications / Recommended Use

See EN 1097-8, chapter 7.3 und annex D; TP Gestein-StB (PSV)
Dimensions: 10 mm x 25 mm x 32 mm

Literature

Information on safe handling of the reference material can be found in the available safety data sheet.
A detailed technical report describing the production, characterization and the treatment of the data for the RM BAM-E007 is available on request or can be downloaded from BAM website (https://www.bam.de).

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Bundesanstalt für Materialforschung und -prüfung (BAM)

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