

Method of Certification:

The sample specification is been measured applying reference standard according to ASTM E8M Tensile Test requirements. The Assigned value and its related uncertainty have been achieved from the controlled data of proficiency testing. The given value(s) represent(s) the unweighted mean value of the means of accepted sets of data. the traceability of values to SI units has ensured by the using and performing all the requirements of ASTM E8M and ISO17025 by the participants.

Sample Description:

The 5 prepared of standard samples are in one package. The samples have manufactured by some homogenized steel.

Safety Information:

The usual laboratory safety precautions apply.

Instruction:

Before testing, put the samples on the laboratory environment (at $25\pm 2^{\circ}\text{C}$ and 20-60% relative humidity) for at least 24 hours. The operator should undertake a tensile test in accordance with ASTM E8M.

The sample dimensions are:

Gage length = 62.5 ± 0.01 mm

Reduced section = 90 ± 0.1 mm

The test speed should be set to:

0.015 mm/mm/min up to yield point

0.05 mm/mm/min after yield point to determine Tensile strength

Storage:

MRM-133.03 shall be stored at a dry place under room temperature.

However, the MELABTEC cannot be held responsible for changes that happen during storage of the material at the customer's premises, especially of opened samples.

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