

Miniaturized Low-Energy Charpy V-Notch RHS Specimens (Self-Verification)

Art. ID	NIST-2237
Unit	set
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM) is intended for the verification of absorbed energy values measured at room temperature using a small-scale Charpy impact machine in accordance with the current ASTM Standard E2248 or the current ISO Standard 14556. A unit of SRM 2237 consists of a set of five Reduced Half-Size (RHS)-type miniaturized Charpy specimens needed to perform a single verification. SRM 2237 can be used to verify the absorbed energy scale of a small-scale impact machine at the low-energy level (approximately 4 J). SRM 2237 is made from alloy steel 4340. Each specimen has a code identifying the energy level (LL) and an identification number (up to three digits). /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Room Temperature (21 °C ± 1 °C)	Absorbed Energy		3,87 ± 0,23	J		