

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

Art. ID	NIST-2216
Unit	set
Deliverydetails	No Dangerous Good /not restricted

Description

Lot No. LL-103. This Standard Reference Material (SRM®) is intended for the verification of maximum force and absorbed energy values measured at room temperature using a small-scale Charpy impact machine in accordance with the current standards ASTM E2248 or ISO 14556, Annex D. A unit of NIST-2216 consists of a set of three KLST-type specimens needed to perform a single verification. NIST-2216 can be used to verify the absorbed energy scale of the small-scale impact machine at the low energy level /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Test Temperature: 21 °C , coverage factor, k = 2.306	Absorbed energy (KV)		1,59 ± 0,12	J		
Test Temperature: 21 °C ± 3 °C, coverage facto r, k = 2.306	Maximum Force, Fm		2,43 ± 0,15	kN		