

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

Art. ID	NIST-2218
Unit	set
Deliverydetails	No Dangerous Good /not restricted

Description

Lot No. HH-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-2218 consists of a set of three KLST-type specimens needed to perform a single verification. NIST-2218 can be used to verify the absorbed energy scale of the small-scale impact machine at the high energy level (approximately 5.7 J). /// 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)		5,65 ± 0,1	J		
Test Temperature: 21 °C ± 3 °C, coverage facto r, k = 2.306	Maximum Force, Fm		1,78 ± 0,08	kN		