

Bright nickel - Hardness (Knoop)

Art. ID	NIST-1895
Unit	each
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended primarily for use in calibrating Knoop-type microhardness testers and is certified for mean Knoop hardness values at loads of 0.245 N, 0.490 N, and 0.980 N (0.025 kgf, 0.050 kgf, and 0.100 kgf, respectively). A unit of NIST-1895 consists of a square test block of electrodeposited bright nickel on an AISI 1010 steel substrate. The test block measures 1.35 cm on each side, is approximately 1 mm thick, and is mounted in a thermosetting epoxy. Five indentations were made on the SRM's polished surface for each load. Knoop hardness values are reported as Knoop hardness numbers (HK) in units kgf/mm² and in SI units of gigapascals (GPa). Each SRM was individually measured and bears a serial number imprinted on the side of the epoxy mount. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Individually measured	Hardness (Knoop)					