

Bright nickel - Hardness (Vickers)

Art. ID	NIST-2798a
Unit	each
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended primarily for use in calibrating Vickers-type microhardness testers and is certified for mean Vickers hardness values (HV) at a load of 4.905 N (0.500 kgf). NIST-2798a consists of a 1.35 cm square test block of electrodeposited bright nickel, approximately 750 µm thick, on an AISI 1010 steel substrate, mounted in a thermosetting epoxy. Five indentations were made on the polished surface of the SRM at positions illustrated in Figure 1. Mean Vickers HV with the corresponding expanded uncertainty for the mean of five future indentations is presented in Table 1. Hardness value is reported in gigapascal (GPa) and kgf/mm². The 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 (Vickers)					