

## **Bright copper - Hardness (Vickers)**

Art. ID	NIST-1894a
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 loads of 0.245 N, 0.49 N, and 0.98 N (0.025 kgf, 0.050 kgf, and 0.100 kgf, respectively). NIST-1894a consists of a 1.35 cm square test block of electrodeposited bright copper, approximately 1750 µm thick, on an AISI 1010 steel substrate, mounted in a thermosetting epoxy. Five indentations were made on the SRM's polished surface for each load. Hardness values are reported in Gigapascal (GPa) and kgf/mm<sup>2</sup>. 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	Microhardness (Vickers)					