

Vickers Hardness of Ceramics and Hardmetals

Art. ID	NIST-2831
Unit	each
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended for use in the calibration of all hardness and microhardness testing machines whereby a Vickers indentation is made and then measured with a microscope. The SRM® has five NIST-made indents in the middle of a polished face certified for the individual diagonal lengths, the average diagonal length, and the average hardness value for indentations made at a load of 9.8 N (1 kgf). A unit of NIST-2831 consists of a 25 mm D × 9.5 mm disk that has a nominal hardness of approximately 15.0 GPa (1530 kgf/mm²) packaged in a wooden box. Each unit is individually certified and bears a serial number (the letter W followed by a hyphen and the disk number) scribed on the opposite (bottom) face of the disk. /// Sample value(s) - please ask for current certificate.

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