

## Hardness Values

COMPARISON OF HARDNESS VALUES		
Substance	Knoop	Mohs
Talc	-	1
Gypsum	32	2
Cadmium	37	-
Silver	60	-
Zinc	119	-
Calcite	135	3
Flourite	163	4
Copper	163	-
Magnesia	370	-
Apatite	430	5
Glass (Soda Lime)	540	-
Nickel	557	-
Feldspar (Orthoclase)	560	6
Tool Steel (Rockwell C 60.5)	740	-
Quartz	820	7
Chromium	935	-
Zirconia	1160	-
Beryllia	1250	-
Topaz	1340	8
Garnet	1360	-
Alumina Zirconia	1450	-
Zirconium Boride	1550	-
Titanium Nitride	1800	9
Tungsten Carbide	1880	-
Tantalum Carbide	2000	-
Zirconium Carbide	2100	-
Alumina	2100	9
Beryllium Carbide	2410	-
Titanium Carbide	2470	-
Silicon Carbide	2480	-
Aluminum Boride	2500	-
Boron Carbide	2750	-
Diamond	7000	10