

# Mohs Scale of Mineral Hardness Chart

Hardness	Mineral	Composition	Absolute Hardness	Image	Common Objects
1	Talc	$Mg_3Si_4O_{10}(OH)_2$	1		
2	Gypsum	$CaSO_4 \cdot 2H_2O$	2		fingernail
3	Calcite	$CaCO_3$	9		penny
4	Fluorite	$CaF_2$	21		
5	Apatite	$Ca_5(PO_4)_3(OH-,Cl-,F-)$	48		knife
6	Orthoclase Feldspar	$KAlSi_3O_8$	72		glass
7	Quartz	$SiO_2$	100		steel file
8	Topaz	$Al_2SiO_4(OH-,F-)_2$	200		
9	Corundum	$Al_2O_3$	400		
10	Diamond	C	1500		