

MOHS SCALE FOR HARDNESS OF MINERALS

N SPI 0707.7.1 Use a table of physical properties to classify minerals.

| | MINERAL | COLOR | LUSTER | STREAK | CRYSTALS | LAYERS | COPPER PENNY | IRON NAIL | GLASS | FINGERNAIL | HARDNESS |
|----|------------|-------|--------|--------|----------|--------|--------------|-----------|-------|------------|----------|
| 1 | TALC | | | | | | | | | | 1 |
| 2 | GYPSUM | | | | | | | | | | |
| 3 | CALCITE | | | | | | | | | | |
| 4 | FLUORITE | | | | | | | | | | |
| 5 | APATITE | | | | | | | | | | |
| 6 | ORTHOCLASE | | | | | | | | | | |
| 7 | QUARTZ | | | | | | | | | | |
| 8 | TOPAZ | | | | | | | | | | |
| 9 | CORUNDUM | | | | | | | | | | |
| 10 | DIAMOND | | | | | | | | | | |
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HARDNESS 1-2 CAN BE SCRATCHED BY A FINGERNAIL

HARDNESS 2-3 CAN BE SCRATCHED BY A COPPER COIN (COIN MUST BE MINTED BEFORE 1950)

HARDNESS 3-6 CAN BE SCRATCHED BY A STEEL POCKET KNIFE (IRON NAIL WILL BE USED)

HARDNESS 6-7 WILL NOT SCRATCH GLASS

HARDNESS 8-10 WILL SCRATCH GLASS

