



JOHN F. ALLEN

Quality, Selection and Service Since 1889

MOHS SCALE OF MINERAL HARDNESS

Scale	MINERAL	Scratch Test
1	Talc, Graphite	scrapes with a fingernail
2	Gypsum, Muscovite, Cinnabar	scratches with a fingernail
3	Calcite, Azurite, Rhodochrosite, Malachite	scratches with a copper coin
4	Fluorite, Serpentine	scratches with a nail or knife
5	Apatite, Turquoise, Rhodonite, Hematite, Lapis Lazuli, Turquoise	scratches with a nail or knife
6	Moonstone, Sunstone, Pyrite (Marcasite), Labradorite, Amazonite, Feldspar, Jade	scratches with a steel file
7	Quartz, Amethyst, Citrine, Agate, Tourmaline, Garnet, Beryl, Zircon, Onyx, Carnelian, Chalcedony, Tiger Eye	scratched by flint sandpaper
8	Topaz, Spinel, Emerald	scratches Quartz
9	Corundum (Ruby, Sapphire)	scratches Topaz
10	Diamond	can't be scratched