

Emeralds

I have heard of those who believe that wearing an emerald close to your heart will attract a lover. Others think that emeralds give them strength to overcome, and offer them wisdom, understanding, and financial blessings. I hope it's true; my customers would rush in to buy them!

Emerald has a Moh's hardness rating of 7- 7.5. There are some problems with durability in emeralds, mostly because of the naturally present inclusions. Emeralds form in tiny cracks and fissures of their host rocks through a combined process of magma and metamorphosis. Formation in these very small spaces explains why the inclusions are so prevalent in natural emeralds. Many in the trade call this "jardin," meaning garden in French.

Emerald had a Refractive Index of 1.565 – 1.602, and a density of 2.67- 2.78 which is average. The coloring agent in emerald is chrome. If you see a beryl of very light green, it is not classified by gemologists as an emerald, but is called Green Beryl, and these lighter stones are colored by Vanadium.

The name emerald is from the Greek, and means green stone.