

Chlorite

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General Mineral Formula:

Mineral Chemical Class: Inosilicates : Phyllosilicate

Specific Gravity: 2.6-3.3

Hardness: 2-2.5

Cleavage: 1,1

Luster: Vitreous, pearly, or dull

Streak: White

Characteristic Color(s): Light to dark green, grayish green, black

Crystal System: Monoclinic

Crystal Class:

Crystal Description (common forms, habit, etc.): Usually tabular and pseudohexagonal in shape but may also be prismatic. Thick flakes, flaky and scaly forms. Commonly in dense coatings of other minerals.

Environment (where you find the material): metamorphic environments, especially in serpentine deposits. Also secondary mineral in volcanic basalt and hypothermal replacement deposits.

Common Mineral Associations (in samples, also consult text,
notes: Calcite, Albite, Orthoclase

Scientific Usage/Significance:

Industrial or Social Use/Significance:

Environmental Significance: