Enstatite

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[1]

General Mineral Formula: $(Mg,Fe)_2Si_2O_6$

Mineral Chemical Class: Inosilicates : Orthopyroxene

Specific Gravity: 3.1-3.9

Hardness: 5-6

Cleavage: 1,2 prismatic at angles of 87-93 degrees

Luster: Vitreous, silky, dull

Streak: Light brown to grayish-white

Characteristic Color(s): Gray, green, dark yelow, greenish-brown, black

Crystal System: Orthorhombic

Crystal Class: $2/m\ 2$

Crystal Description (common forms, habit, etc.): May occur in single prismatic and stubby crystals. Well terminated. Also as cleavage fragments and platy groupings. Crystals are partially hollow or dissolved in some localitites.

Environment (where you find the material: Mafic and ultramafic igneous rocks.

[1] stubby, right angle crystals with brown color & submetallic luster

Common Mineral Associations (in samples, also consult text, notes: Feldspars, Ca-clinopyroxene, hornblende, biotite, garnet.

Scientific Usage/Significance: None

Industrial or Social Use/Significance: Dimension stone/ minor gemstone.

Environmental Significance: None