

which passes, on the one side, into grass-green, asparagus-green, oil-green, and olive-green; on the other, into hyacinth-red, aurora-red, brownish-red, even into reddish and yellowish-brown. All these colours incline more or less to green.

It occurs usually massive, disseminated, and crystallised, in several of the forms exhibited by brown-blende.

The crystals are middle-sized and small, but usually so much grown together, that it is difficult to determine their figure.

The crystals have a smooth surface.

Externally and internally it is shining and splendid, and the lustre is adamantine.

The fracture is more or less perfect and straight foliated, with a sixfold cleavage.

The fragments are dodecahedral, but on account of the distinct concretions can seldom be obtained perfect, and are therefore most commonly indeterminate angular, and sharp-edged.

It occurs in distinct concretions, which are large and coarse, but seldom small granular.

It is usually only translucent, but the lighter coloured varieties are semitransparent, inclining to transparent.

It is duplicating translucent.

It yields a yellowish-grey or yellowish-white streak.

It yields pretty easily to the knife.

It is brittle.

It is easily frangible.

It is heavy.

Specific gravity, 4.044 to 4.048, *Gellert*; 4.067, *Kirwan*; 4.103, *Karsten*.

*Physical*