

# RUTILE

SiO <sub>2</sub>	0.81%
TiO <sub>2</sub>	96.76
Fe <sub>2</sub> O <sub>3</sub>	0.62
ZrO <sub>2</sub>	0.91
V <sub>2</sub> O <sub>5</sub>	0.70
Cr <sub>2</sub> O <sub>3</sub>	0.20

**Characteristics:**

Rutile is an impure source of titanium dioxide. Rutile gives a tan or brown color to glazes. Rutile is more frequently used for its influence on the texture of glazes. It has the property of producing broken color or mottled color in glazes which would otherwise have a smooth color and texture. The titanium content of rutile also contributes to its tendency to produce crystals in glazes.