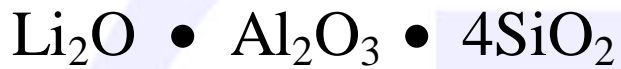


SPODUMENE



Geographical Source:

High-Iron:

King's Mt., North Carolina

Pegmatites of Black Hills region of South Dakota

Low Iron:

Manitoba, Canada

Greenbushes, Western Australia

Geological Source:

Pegmatites, (coarse-grained granites) which have intruded deeply weathered precambrian gneiss and schist. Over 225 million years old.

Characteristics:

Spodumene is a 1st choice main flux for glazes. It is a lithium feldspar, used in glazes as a source of lithium. Substitutions of spodumene for feldspar in glazes may tend to correct crazing. Spodumene's lithium content gives it a low rate of thermal expansion and therefore is a useful ingredient in flameware bodies, but may also contribute to glaze fit problems.

Melting Point: 2552F°