Pigments suitable for Ceramics

Unless stated otherwise, the following pigments are stable for temperatures up to 1000 °C. As glazes and enamels can be very different in composition, all colors should be tested for stability before use. We definitely recommend tests prior to the final application.

Kremer-made and historic pigments
10000   Smalt, standard grind
10010   Smalt, extra fine grind
10060   Egyptian Blue (stable up to 950 °C)
10071 – 10072 Han blue
10100   Lead Tin Yellow, light
10110   Lead Tin Yellow, dark
10120   Lead Tin Yellow II
10150   Pinkcolor
10154   Pinkcolor dark

IWA-ENOGU Colors from Japan
- all Glass powders (15221-15311) are suitable

Coloured Glass Powders
- all suitable, Melting point approximately 750 °C, expansion coefficient: 96+/-2

Earth Colors
- all suitable, but may change hue
40010-40090 French Ochres
40195   Gold Ochre, from Poland
40210   Ochre AVANA, greenish yellow
40214   Gold Ochre DD
40220   Italian Gold Ochre Light
40231   Brown Ochre light
40241   Fawn Ochre
40260   Satin Ochre
40280   Amberg Yellow
40301   Iron Oxide Ochre
40310   Dark Ochre German
40320   Dark Ochre Italian
40392   Raw Sienna, French
40400   Raw Sienna, Italian
40404   Raw Sienna Badia
40410   Raw Sienna, brownish
40430   Dark Burnt Sienna
40440   Pompeii Red, burnt natural sienna
40470   Burnt Sienna, from France
40490   Rosso Sartorius, natural
40510   Venetian Red
40542   English Red Light
40545   English Red Dark
40610   Raw Umber, from Cyprus
40611   Raw Umber, light, from Cyprus
40612   Raw Umber, greenish, from Italy
40623   Manganese Brown Intense
40630   Raw Umber, greenish dark
40650   Chromite
40660   Raw Umber, dark
40700   Burnt Umber reddish
40710   Burnt Umber, brownish
40720   Burnt Umber, dark brown
40723   Burnt Umber, type B
40730   Burnt Umber Light, reddish-brown
40810   Bohemian Green Earth
40821   Green Earth from Verona
40850   Burnt Green Earth

Yellow Pigments
43125   Naples Yellow, dark
43200   Nickel-Titanium Yellow (stable up to 500 °C)
43210   Nickel-Titanium Yellow (stable up to 500 °C)
43230   Praseodym Yellow
43300   Titanium Orange (stable up to 500 °C)
43500   Cobalt Yellow (change of color → blue!)
43870   Yellow Zircon
43880   Intensive Yellow (stable up to 1250 °C)

Green Pigments
44101   Cobalt Green PG 50 (stable up to 800 °C)
44105   Cobalt Green PG 50 bluish (stable up to 800 °C)
44110   Cobalt Oxide Green Blue (stable up to 500 °C)
44130   Cobalt Bottle Green (stable up to 1250 °C)
44151   Cobalt Green, bluish A
44200   Chrome Oxide Green
### Blue Pigments
- **45350** Manganese Violet *(stable up to 850 °C)*
- **45400** Zirconium Cerulean Blue *(stable up to 1250 °C)*
- **45700** Cobalt Blue Dark *(stable up to 500 °C)*
- **45701** Cobalt Blue Dark, greenish *(stable up to 500 °C)*
- **45702** Cobalt Blue, Sapporo
- **45710** Cobalt Blue Medium
- **45714** Cobalt Blue, pale blue

### White Pigments
- **46200** Titanium White
- **46280** Buff Titanium*
- **46360** Kremer White *(Zirconium silicate)*

### Black Pigments
- **47400** Spinel Black *(stable up to 500 °C)*
- **47410** Spinel Gray *(stable up to 540 °C)*
- **47420** Spinel Black No. 42 *(stable up to 500 °C)*
- **47430** Spinel Black No. 43 *(stable up to 500 °C)*
- **47501** Manganese Black
- **47510** Manganese Gray *(stable up to 500 °C)*
- **48447** Iron Oxide Black *(stable up to 900°C)*

### Iron Oxide Pigments
- *all suitable, but may change hue*

### Spinel Pigments
- **49700** Haematite-Chrome Oxide *(stable up to 500 °C)*

### Translucent Iron Oxides
- *stable up to 160 °C*

### Phosphorescent Pigments
- **56500** Phosphorescent Pigment Green
- **56550** Phosphorescent Pigment Blue