

46360 Kremer White

Chemical Name: Zirconium silicate, $ZrSiO_4$
CAS No.: 14940-68-2

Technical Data:

Appearance	white powder
Melting point	2200°C
Loss on ignition	< 0.9 %
Solubility in water	non-soluble
Flammability	non-flammable
Hardness	7.5 Mohs
Density	4.6 – 4.8
ZrO ₂	> 63.5 %
TiO ₂	< 0.20 %
Fe ₂ O ₃	< 0.15 %
Al ₂ O ₃	< 1.5 %
SiO ₂	< 33 %
Uranium	230 – 280 ppm
Thorium	170 – 230 ppm

Particle Size Distribution:

d50 1.2 Microns
d97 4.1 Microns
d10 0.4 Microns

