

KYANITE

TYPICAL DATA:

CAS number:	1302-76-7
Formula:	$\text{Al}_2[\text{SiO}_4]\text{O}$
Harmonized commodity code:	2606000000

CHEMICAL ANALYSIS

	STANDART	TYPICAL
Al_2O_3 min	57	58
TiO_2 max	2,5	1,2
Fe_2O_3 max	0,8	0,8
CaO max	0,2	0,1
MgO max	0,4	0,2
$\text{Na}_2\text{O}+\text{K}_2\text{O}$ max	0,1	0,1
Th+U max	220 ppm	220 ppm
ZrO_2 , max	-	0,8
Moisture, max	0,5	0,1

PHYSICAL PROPERTIES

Melting point	1850°C
Specific gravity	3200 - 3500 kg/m^3
Bulk density	1860 - 1920 kg/m^3
Grain size	63-200 mkm
Flammable	non flammable
Solubility in water	insoluble
Angle of friction	32°
Hardness	6
pH	6,5 - 7,0

SHIPMENT

Bulk big bags 1 t net.