

# RUTILE

## TYPICAL DATA:

CAS number:	1317-80-2
Formula:	TiO <sub>2</sub>
Harmonized commodity code:	2614009000

### CHEMICAL ANALYSIS

	STANDART	TYPICAL
TiO <sub>2</sub> min	94	95-96
Al <sub>2</sub> O <sub>3</sub> max	0,6	0,4
Fe <sub>2</sub> O <sub>3</sub> max	2,8	1-1,5
SiO <sub>2</sub> max	1,5	1,3
ZrO <sub>2</sub> max	1,0	0,8
P <sub>2</sub> O <sub>5</sub> max	0,07	0,07
SO <sub>3</sub> max	0,05	0,05
Cr <sub>2</sub> O <sub>3</sub> max	-	0,2
V <sub>2</sub> O <sub>5</sub> max	-	0,4
CaO max	-	0,05
U+Th	70 ppm	70 ppm
Moisture, max	0,5	0,1

### PHYSICAL PROPERTIES

Melting point	1850°C
Specific gravity	4150 - 4300 kg/m <sup>3</sup>
Bulk density	2300 - 2400 kg/m <sup>3</sup>
Grain size	63 - 160 mkm
Flammable	non flammable
Solubility in water	insoluble
Angle of friction	30°
Hardness	6

### SHIPMENT

Bulk big bags 1 t net.