



# CHROMITE SAND

## TYPICAL CHEMICAL ANALYSIS

<b>Cr<sub>2</sub>O<sub>3</sub></b>	min. 46,00 %
<b>SiO<sub>2</sub></b>	max. 1,00 %
<b>Fe<sub>2</sub>O<sub>3</sub></b>	29,00 %
<b>Al<sub>2</sub>O<sub>3</sub></b>	16,00 %
<b>MgO</b>	10,00 %
<b>CaO</b>	0,20 %
<b>Na<sub>2</sub>O</b>	0,01 %
<b>K<sub>2</sub>O</b>	0,01 %

## Average Grain Size

AFS = 45 – 55  
0,25 – 0,35 mm

## pH-value

from 8

**Acid Demand** according to B.S.C.R.A. Spec. No.2

at pH 3 value = max. 5 ml  
at pH 4 value = max. 4 ml  
at pH 5 value = max. 3 ml

## TYPICAL FINENESS/GRAIN SIZES

velikost ok sít [µm]	podíl na sítě [%]
> 1000	0,0 – 1,0
1000 - 710	0,0 – 5,0
710 - 500	5,0 – 15,0
500 - 355	20,0 - 40,0
355 - 250	30,0 - 45,0
250 - 180	10,0 - 25,0
180 - 125	3,0 – 12,0
125 – 90	0,5 - 5,0
90 – 63	0,0 - 1,5
< 63	0,0 – 0,5

**Acid Demand** according to VDG P28  
from 3 ml

## Specific Weight

4 500 kg/m<sup>3</sup>

## Bulk Weight

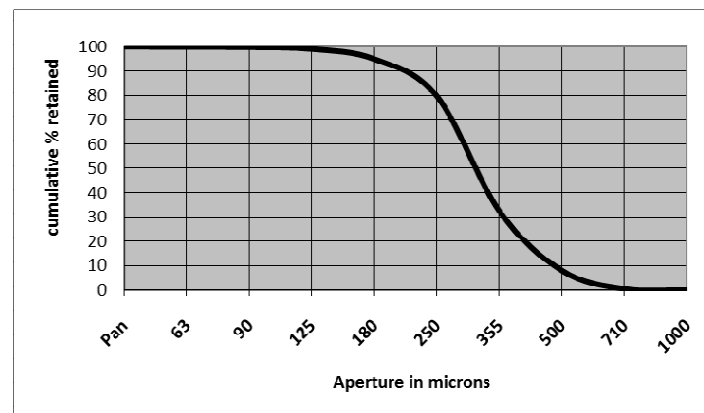
2 700 kg/m<sup>3</sup>

## Refractoriness

more than 1 800 °C

## Moisture

max. 0,2 %



## YOUR SUPPLIER :

### FORMSERVIS, spol. s r.o.

Obřanská 60, 614 00 Brno, Czech Republic  
tel/fax : 545 215 860, info@formservis.cz  
www.formservis.cz