

TECHNICAL DATA SHEET

ceratun
S.EX.100

CAS NUMBER : 68476-25-5
EINECS NUMBER : 2706667
MATERIAL CODE : S.EX.100 (KS.20.M.0100)
PRODUCTION PLANT : Kaltun - Cine / AYDIN/ TURKIYE
SHORT DESCRIPTION OF MATERIAL : **CERATUN S.EX.100** is a high quality Sodium Feldspar with high Na₂O, produced from deposits in the Cine-Milas region, Turkiye.

PHYSICAL & CHEMICAL PROPERTIES OF MATERIAL:

| | Particle Size Distribution | | | | Others | | |
|-------------|----------------------------|----------------------------|---------------|----------------|------------|---------------|---------------------------|
| | Sieve Residue % | Malvern (Mastersizer 2000) | | | Humidity % | Hardness Mohs | Density g/cm ³ |
| | +0,1mm | D/10 | D/50 | D/97 | | | |
| Typ. | 0,2 | 3,9µm | 24,0µm | 100,5µm | 0,2 | 6 | 2,60 |
| Min. | - | - | - | - | - | - | - |
| Max. | 3,0 | - | - | - | 0,5 | - | - |

| | Chemical Analysis * | | | | | | | | | |
|-------------|---------------------|--------------------------------|--------------------------------|------------------|-------------|-------------|-------------------|------------------|-------------------------------|-------------|
| | SiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | TiO ₂ | CaO | MgO | Na ₂ O | K ₂ O | P ₂ O ₅ | L.O.I |
| Typ. | 70,25 | 17,95 | 0,07 | 0,23 | 0,60 | 0,10 | 10,05 | 0,28 | 0,22 | 0,25 |
| Min. | - | 17,50 | - | - | - | - | 9,75 | - | - | - |
| Max. | 71,00 | - | 0,09 | 0,25 | - | - | - | - | - | - |

*With XRF Spectrometer

The above figures are typical, average values derived from numerous measurements. This is not a specification

kaltun

Aydin- Mugla Karayolu 35. Km. 09500 Cine/Aydin-TURKIYE

Phone : +90 256 729 16 00

Fax : +90 256 729 16 15

Web : <http://www.kaltun.com>

e-mail : kaltun@kaltun.com.tr

Doc.No : Cera016
Issued Date : 13.05.2014
Revision : 2