



شرکت معدنی و صنعتی سوراوجین عقیق
Suravajin Aghigh Mining & Industrial Co

Raw Material for Fuller's Earth

Chemical Analysis

| BENTONITE | | ASB-10 | | |
|--|-------|--|--------------|--------------|
| SiO ₂ | | 66- 70 | | |
| Al ₂ O ₃ | | 11.5-12.5 | | |
| Fe ₂ O ₃ | | 1.2 - 1.4 | | |
| TiO ₂ | | 0.13 -0.17 | | |
| Na ₂ O | | 0.8-1.2 | | |
| K ₂ O | | 0.2 – 0.6 | | |
| CaO | | 4.7 – 5.3 | | |
| MgO | | 2-2.6 | | |
| L.O.I | | 8-10 | | |
| Physical & Thermal Properties at 1175°C/60' | | | | |
| Strength (kg/cm ²) | Green | 12-14 | | |
| | Dried | 33-37 | | |
| | Fired | > 100 | | |
| Fired Shrinkage | | 4-6 | | |
| % Water Absorption | | 8 - 12 | | |
| Coefficient of thermal Expansion ($\alpha \times 10^{-7} \text{ } ^\circ\text{C}^{-1}$) | | α 400 | α 500 | α 600 |
| | | 81.176 | 83.519 | 89.635 |
| Color | | L= 70 ± 2 | a = 3 ± 0.5 | b = 17 ± 1 |
| Application | | Wall & floor tiles, Fuller's Earth, Cat Litter | | |
| Sizing | | <20 cm | | |
| Packing | | Bulk | | |
| Delivery Place | | Qazvin, Bouen Zahra area | | |

Updated: 2021.01.20

*Sample are tested under company laboratory condition. Values are liable to natural deviations and are not to be cited as guaranteed properties or guaranteed values.

دارنده گواهی نامه : ISO/IEC 17025: 2017

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