



KAOLIN DATA SHEET

KASPID CODE: **KRS P**

Chemical Analysis %

| SiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | CaO | Na ₂ O | K ₂ O | TiO ₂ | MgO | SO ₃ | LOI |
|------------------|--------------------------------|--------------------------------|------|-------------------|------------------|------------------|------|-----------------|-----|
| 79±1 | 16±1 | 0.1 | 0.09 | 0.13 | 0.8 | 0.52 | 0.05 | Trace | 3 |

Size distribution

| Size | % |
|-------|------|
| <60 μ | 92±2 |
| <40 μ | 80±2 |
| <20 μ | 50±2 |
| <2 μ | 20±2 |

Physical properties(Fired in 1180°)

| | | | |
|---|-------|------------------------------|-------------|
| | Color | Contraction(%) | 0.5 |
| l | 95 | Water absorption(%) | 16 |
| a | 0.1 | Dry MOR(kg/cm ²) | 7±2 |
| b | 2.4 | Physical form | Bulk/Powder |

Applications: Tile Glaze & Engobe, Tile – Body, Frit, Porcelain Tile -Body

Zarmehr industrial mineral group

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