

Kaolin T240

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|--------------------------|--------------------------------|--------|
| Chemical analysis | SiO ₂ | 47,5 % |
| | Al ₂ O ₃ | 36,5 % |
| | TiO ₂ | 1,1 % |
| | Fe ₂ O ₃ | 0,5 % |
| | CaO | 0,0 % |
| | MgO | 0,1 % |
| | K ₂ O | 0,9 % |
| | Na ₂ O | 0,1 % |
| | Loss on ignition | 12,7 % |

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| Mineral analysis | Kaolinite | 87 % |
| | Mica | 5 % |
| | Quartz | 4 % |
| | Feldspar | 4 % |
| | Fe-Ti | 1 % |

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|-------------------------|--------------|--------------|--------------|
| Firing behaviour | °C | °C | °C |
| | 1100 | 1150 | 1200 |
| Firing temperature | 1100 | 1150 | 1200 |
| Dry shrinkage | 4,0 | 4,0 | 4,0 |
| Firing shrinkage | 4,3 | 5,0 | 10,0 |
| Total shrinkage | 8,6 | 8,8 | 14,0 |
| Water absorption | 31,8 | 30,2 | 18,6 |
| Firing color | bright white | bright white | bright white |
| L* | 88 | 88 | 88 |
| a* | 0,5 | 0,5 | 0,5 |
| b* | 4,0 | 4,0 | 4,0 |

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|-------------------------------|---------|--------|
| Sedimentation analysis | < 63 µm | 98,0 % |
| | < 20 µm | 95,0 % |
| | < 2 µm | 65,0 % |
| | < 1 µm | 51,0 % |

Above technical data are for information only. Our materials are sold according to samples and according to our general selling terms.