Characteristics

RB 03833 - T is a red earthenware body for casting. Available as powder .

# Technical Data

Unfired

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Moisture 0,8% Powder | | | | | | | | |
| Chemical Analysis | SiO2 73,3% | TiO2 0,90% | Al2O3 13,0% | Fe2O3 4,70% | CaO 5,80% | MgO 0,50% | K2O 1,60% | Na2O 0,20% |
| Loss of Ignition |  |  |  | 8,9% |  |  |  |  |
| `- | | | | | | | | |
| Wet to Dry Shrinkage |  |  |  | 4,5% | casting |  |  |  |

Fired

|  |  |
| --- | --- |
| Specimen Firing Temperature [ºC] | 1040 |
| Coefficient of Thermal Expansion [x10-6/°C] |  |
| 20 - 400 ºC | 7,5 |
| 20 - 500 ºC | 8,2 |
| 20 - 600 ºC | 10,1 |
| Dry to Fired Shrinkage [%] | 0,3 |
| Water Absorption [%] | 16,0 |

The technical data quoted on this sheet is indicative only. Any sale is by sample and is governed by our general conditions of sale.

01-04-2022

Technical Data

Ve-ka groothandel

Industrieweg 7a

6621 BD Dreumel