Ve-ka groothandel b.v. industrieweg 7a 6621 BD Dreumel tel: 0487571667

**Calcium Carbonate (Trucarb 298) Technical Data Sheet**

**Description:** Off-white general purpose Carboniferous Limestone Powder. The product is crushed and screened several times then ground and air classified to produce a material of high purity. It is dried to give a very low moisture content.

**Source:** Ballidon Quarry, Nr. Ashbourne Derbyshire Typical Particle Size Analysis

|  |  |  |
| --- | --- | --- |
| Sieve Aperture (øm) | % Passing | Specification Limits |
| 600 | 100.0 |  |
| 150 | 100.0 | 99.9 minimum |
| 75 | 99.3 | 98.0 minimum |
| 53 | 94.0 | 90.0 – 98.0 |
| 20 | 61.0 |  |
| 3 | 18.0 | 16 - 24 |

Specific Surface Area 5000 cm2/g (determined by the Rigden Air Permeability method)

|  |  |
| --- | --- |
| **Chemical Analysis** | **Typical %** |
| Calcium as CaO | 55.7 |
| Magnesium as MgO | 0.18 |
| Aluminium as Al2O3 | 0.06 |
| Iron as Fe2O3 | 0.03 |
| Silica as SiO2 | 0.30 |
| Loss on Ignition @ 1000oC | 43.50 |
| Moisture as H2O | 0.05 |
| Calcium Carbonate as CaCO3 | 99.00 |

**Process Control:** The product is manufactured under an ISO 9001:2000 Quality System. The frequency of sampling and testing is related to the known variability of the product. The results of laboratory tests and in-process tests, where appropriate, are used to control the manufacturing process.

**Supply Options:** The material is available in bulk, delivered by air discharge road tanker. It is also available in paper sacks on pallets and in IBC’s.

**Storage:** Material should be stored in a dry place.

**Health & Safety:** Calcium Carbonate is non-flammable, non-irritant and of low toxicity. Respirable dust from any fine powders could, if inhaled over a prolonged period, constitute a health hazard. The current Occupational Exposure Limit for low- toxicity dusts of 10 mg/m3 total inhalable dust and 4 mg/m3 respirable dust should not be exceeded. For further information please refer to the **safety data sheet**.

1. Typical values are provided in good faith as a guide and should not be taken as a specification.
2. The Company reserves the right to change the specification at any time. This Data Sheet supersedes all previous issues.
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