



Keramikos Oudeweg 153
2031 CC Haarlem

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 (ømm)	% 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 Al ₂ O ₃	0.06
Iron as Fe ₂ O ₃	0.03
Silica as SiO ₂	0.30
Loss on Ignition @ 1000°C	43.50
Moisture as H ₂ O	0.05
Calcium Carbonate as CaCO ₃	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.
3. **TRUCARB** and **TRUCAL** are registered trademarks of **TARMAC LIMITED**

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