

Technical Data Sheet

Trucarb UF

Introduction:

Trucarb UF is an off- white, fine powder, obtained by grinding carboniferous limestone. It's high purity and low content of contaminating metals make it suitable for a wide diversity of applications with freedom from rapid ageing and surface breakdown. Not recommended for use in acid resistant compounds.

Uses:

- Is suitable for use as a general filler in the compounding of rubber and PVC.
- Is also used in latex for carpet backing compounds and in coumarone indene resins for flooring compounds
- Suitable for use in other similar applications where a cheap, fine filler is required.

Typical Characteristics:

Composition				
Substance		Typical	Specification	
Calcium Carbonate	CaCO ₃	99.0%	> 98	
Calcium	CaO	55.6%		
Magnesium	MgO	0.30%		
Aluminium	Al ₂ O ₃	0.06%		
Iron	Fe ₂ O ₃	0.05%		
Silica	SiO ₂	0.25%		
Lead	Pb	1 ppm	<20	
Cadmium	Cd	0.9 ppm	<2	
Arsenic	As	<1 ppm	<15	
Mercury	Hg	<0.1 ppm	<0.3	
Fluorine	F	40 ppm	<350	
Properties				
Description		Unit	Typical	Specification
Particle Density		t/m ³	2.69	
Bulk Density (loose)		t/m ³	0.75	
Bulk Density (compacted)		t/m ³	0.9	
Colour			69-100	
Moisture (H ₂ O)		%	0.1	<0.3%
Loss on ignition @ 1000°C		%	44.1	
Particle Size Distribution	16.0 µm	% Passing	100.0	99-100
	10.0 µm	% Passing	99.0	90-100
	8.0 µm	% Passing	96.0	
	3.0 µm	% Passing	54.0	46-60
	2.0 µm	% Passing	31	
	1.0 µm	% Passing	6	
	Top cut d98	µm	8.3	
	Mean Size	µm	2.7	

Shelf Life:

Indefinite, but a maximum of 2 years is recommended.

Packaging:

3-ply valve, paper bags, containing 25 kilos, on 1,000 nett wooden pallets, IBC's or in pressurised road tankers.

Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS), available upon request.