

Technical Data Sheet

Trucarb 295



Introduction:

Trucarb 295 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	% by Weight	
		Calcium Carbonate CaCO ₃	99.0	
		Calcium CaO	55.6	
		Aluminium Al ₂ O ₃	0.06	
		Magnesium MgO	0.3	
		Iron Fe ₂ O ₃	0.05	
		Silica SiO ₂	0.25	
		Cadmium Cd	0.9ppm	
		Fluorine F	40ppm	
		Lead Pb	1 ppm	
		Mercury Hg	<0.1 ppm	
		Arsenic As	<1 ppm	
Properties				
		Description	Unit	Value
		Specific Gravity		2.68
		Surface area by permeability	cm ² /g	6500
		Moisture	%	0.1
		Loss on ignition at 1000°C	%	44.1
Particle Size Distribution		150 µm	%	100
		75 µm	%	95
		20 µm	%	61
		10 µm	%	43
		3 µm	%	18
		Bulk density (loose)	t/m ³	1.1
		Bulk density (tapped)	t/m ³	1.3

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 Material Safety Data Sheet (MSDS), available upon request.