

F04 Fumed Silica

FEATURES

- Premium grade
- B.E.T. 200m²/g

COMPOSITION

- SiO₂



Fumed silica or untreated pyrogenic silica is a synthetic amorphous colloidal silicon dioxide. Characterized by extremely small particles, high purity and tendency to form chains, it comes in the form of a white, light and soft powder and is used in many applications and sectors for the control of rheology, as a reinforcing and anti-settling filler. resistance.

APPLICATIONS

- Adhesives, sealants, coatings, composites.

TYPICAL PROPERTIES

This data does not constitute the Product Sales Specifications. The values indicated refer to typical properties and are not to be understood as extreme minimum or maximum values. They do not constitute a guarantee of product conformity and do not relieve the buyer from the need to test the suitability of the products before use or placing them in his production cycle. Please contact your local sales representative to obtain the product specifications.

Property	Unit	Value
Aspect	Visual	Powder
Color	Visual	white
pH (4% water solution)		3.7 – 4.3
Tamped density	g/l	50
Specific weight	g/cm ³	2.2
BET	m ² /g	200
Residue at 44μ	%	0.02
Refractive index		1.46
SiO ₂ content	%	>99.8
Average particle length (aggregate)	μm	0.2 – 0.3

HANDLING PRECAUTIONS

The information for a correct and safe handling of the products is contained in the safety data sheet. Consult the safety data sheets before use for complete information on the risks to health and the environment and for the suitable protective devices to be adopted. Share the safety data sheets with all staff involved in the use of the products.

USABLE LIFE - STORAGE

Store in tightly closed original packaging in a dry place. Follow the provisions relating to industrial hygiene and waste disposal.

PACKAGING

10kg bags.

LIMITATIONS

This product is neither tested nor represented as suitable for food contact, skin contact or medical uses.

LIMITED WARRANTY

The information contained in this document is offered in good faith based on Chemix research and is believed to be accurate. However, as the conditions and methods of use of our products are beyond our control, this information should not be used as a

substitute for the tests that customers must first perform to ensure that Chemix products are fully satisfactory for their specific applications. The warranty is only applicable to the values indicated in the Product Sales Specifications. The sole and exclusive compensation for products with values that are out of specification is limited to the replacement of the product or the refund of the purchase price.

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