

Atom FS-200

Untreated Hydrophilic Amorphous Fumed silica

FS-200 is a white fluffy powder of high purity, with a specific surface area of 200 m²/g

- Rheology & Thixotropy control
- Reinforcement
- Improvement of Free Flow
- Antisagging & Antisetling
- Thickening

APPLICATIONS

- Unsaturated polyester resin
- Printing inks
- Foods & cosmetics
- Adhesive & sealants
- Paints & coatings
- HCR - & RTV - silicon rubber

Typical Properties of FS-200

Characteristics	Unit	Test Method	Test Standard	Typical Value
Product Type	-	-	FS-200	FS-200
Appearance	-	-	White Powder	White Powder
Moisture Loss on Drying 105C°/2hr*	%	ISO 787/2	6% Max	3.87
Bulk Density*	gm/lit	ISO 787/11	175+/-5	165
Determination of PH value (5% Slurry)	-	ISO 787/9	7-Jun	6.30
Loss of Ignition (dry product) 1000C°	%	ISO 3262/11	6% Max	5.40
DBP Oil Absorption (on dry basis)	ml/gm	ISO 19246	220 Min	250
Specific Surface are (BET)	m ² /gm	ISO 9277	200+/-30	199
SiO ₂ Content	%	ISO 3262/19	98%	98.33
Soluble Salts	%	ISO 787/13	2% Max	1.67
Iron as FE+3	ppm	ISO 5794-1	<=300	122

PACKAGING & STORAGE INFORMATION

FS-200 is supplied in a paper bag of 25kg and a big of customized quantity. The paper bag consists of multiple layers and contains PE coated layer between the papers.

FS-200 is a stable chemical and not degraded. If protected from moisture or chemicals, however, it is favorable to use the product within two years

SAFETY INFORMATION

For more extensive information on safe handling and use of this product, see the **Safety Data Sheet**.

SHIPPING INFORMATION

25Kg bag



PROGRESS TO ZERO EMISSION

URL: <http://www.atomchemicals.co.uk>