

FUMISIL® A-120

Hydrophilic Fumed Silica

Sales Specifications

Property	Value
Appearance	Porous white powder with bluish tint
Mass part of silicon dioxide, SiO ₂ , wt.%, min.	99,9
Iron Oxide Fe ₂ O ₃ , wt.%, max.	0,003
Aluminium Oxide Al ₂ O ₃ , wt.%, max.	0,05
Titanium Dioxide TiO ₂ , wt.%, max.	0,03
pH (in 4 % aqueous dispersion)	3,8-4,5
Loss on heating, (2 hrs at 105 °C), wt.%, max.	1,0
Loss on calcination, (2 hrs at 1000 °C), wt.%, max.	1,0
Bulk density, gr/dm ³ :	
noncompacted	40-60
compacted	120-140
Specific surface, m ² /gr by BET method	120 ± 20
Mass part of large particles (Grit), wt.%, max.	0,04

Product description

Synthetic, hydrophilic, amorphous silica, produced via flame hydrolysis.

FUMISIL® A-120 is a fluffy white-blue fine amorphous powder with extremely small particle size, enormous surface area and high purity, without taste and odor.

Packing

FUMISIL® A-120 is offered in following packaging: multiple layer 4 or 10 kg paper bags on pallet.

Safety notes

The product is fireproof, explosion-proof, nontoxic.

Comprehensive instructions are given in the corresponding Material Safety Data Sheets.

Storage

FUMISIL® A-120 should be stored in the original packaging in dry storage areas. Guaranteed storage: 6 months.

Application

Coatings, adhesives, sealants silicone sealants, silicone rubber, silicone, elastomers, printing inks, cosmetics, unsaturated polyesters.