

XYSIL® 200F**Hydrophilic Fumed Silica****TECHNIQUE DATA SHEET**

XYSIL® 200F (Food grade) is a hydrophilic Fumed Silica with a specific surface area of 200m²/g, and it is Synthetic, hydrophilic amorphous Silica. Manufactured according to HACCP-Guidelines.

Physico-chemical Data

Properties	Units	Typical Value
Specific surface area (BET)	m ² /g	200±25
pH-value (in 4% dispersion)		3.7-4.5
Loss on drying, ex works(2h @ 105°C)	wt%	≤1.5
Loss on ignition(2h @ 1000,based on material dried for 2h @ 105°C)	wt%	<1.0
Sieve residue (40µm)	%	<0.03
SiO ₂ content (based on ignited materials)	wt%	>99.8
Tapped density (based on material dried for 2h @ 105°C)	g/L	Approx.40
Mercury content(Hg)	ppm	<3
Arsenic content(As)	ppm	<1
Lead content(Pb)	ppm	<3
Description		Fine, white, amorphous powder

Applications and Properties**Application:**

Food, Feed

Functions:

- Rheology and thixotropy control of liquid systems
- Improvement of free flow and anticaking characteristics of powders
- Used as anti-setting, thickening and anti-sagging agent
- High purity, low humidity content
- No influence on taste
- Does not alter natural colour of powder formulations

Packing and Storage

XYSIL® 200F is packaged in multiple layer kraft paper 10kg bags on pallet, and should be stored in the original packaging in dry storage areas for protecting the material from volatile substance.

Transportation:

Sea Transportation

20'GP: 1800KG, 10 pallets, 180KG/pallet.

40'GP: 3600KG, 20 pallets, 180KG/pallet.

40'HQ: 4000KG, 20 pallets, 200KG/pallet.

Road Transportation: by requirement

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