



Fumed Silica

Properties	Units	Guarantee value
Specific surface area (BET)	m ² /g	200±25
pH-value (in 4% dispersion)		3.8-4.5
Loss on drying, ex works(2h @ 105°C)	wt%	≤1.5
Loss on ignition(2h @ 1000°C,based on material dried for 2h @ 105°C)	wt%	≤2.5
Sieve residue (45µm)	%	≤0.05
SiO ₂ content (based on the substance heated at 1000°C for 2 h)	wt%	≥99.8
Tamped density (ex plant)	g/L	approx.50
Carbon content (based on material dried for 2h @ 105°C)	wt%	≤0.2
Appearance	Fine,White,Amorphous Powder	