PURASIL PS-200

Product Information

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Characteristic physico-chemical data

Properties and Test Methods	Units	Value
Specific Surface Area (N2) Areameter following ISO 5794-1, Annex D	m2/g	80-180
Mean particle size Alpine Following ISO8130-1	Micron	10-12
Tapped density (not sieved) Following ISO 787-11	g/l	190-350
DBP absorption Following DIN 53601	mL/g	2.84
Loss on ignition 2 h at 1000° C Following ISO 3262-1	%	10% wt %
Moisture (at 105° C for 2 hrs)	%(max)	5
pH Value 5% in water Following ISO 787-9		6-7
SiO2 content Following ISO 3262-19	%	>98
Viscosity (10% Silica - Sorbitol, w/w)	Cps	2300
Sieve residue (600 mesh) Alpine Following ISO 8130-1	%	<0.1
Packaging	Kgs	10

PURASIL silicas represent a specific product range of precipitated silicas. Careful adjustment of surface area, purity, oil absorption capacity and bulk density results in products with different properties.

PURASIL 220 is a silica with low fines content and may be used for the following:

Oral Healthcare
Food & Feed Application
Anticaking agents
Free flow agents
Carrier
Thickening agent