

## HPSIL® PG800 Precipitated silica

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### Characteristics

HPSIL® PG800 is a kind of high hydrophobic precipitated silica with polysiloxane treatment, widely used in defoamer and lubricating oil.

### Packaging and storage

HPSIL® PG800 is supplied in 10kg kraft paper bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances.

### Applications

- Defoamer
- Lubricating Oil

### Properties

- Antifoam agent
- Thickening agent
- Anti-settling and good physical property

### Characteristic physico-chemical data

Properties and test methods	Unit	Typical Value
Specific surface area (BET)	m <sup>2</sup> /g	200-220
pH value (in 10% dispersion)		5.0-8.0
Loss on drying at 105 °C for 2 hours	%	4-8
Loss on ignition at 1000 °C for 2 hours	%	≤ 7.0
Silica content (based on ignited material)	%	≥ 97
Iron	mg/kg	≤500
Mn	mg/kg	40
Cu	mg/kg	10
DBP Oil Absorption	cm <sup>3</sup> /g	2.00-3.50
Partical size	μ m	5

### Contact information

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