



Precipitated Silica

Description

Chemical Name	SiO ₂
CAS No	7631-89-9
Molecular Weight	64.06
Function	White Fillers
Colour	White
Physical Form	Powder, Granule

Specification

Parameter	Unit	Specification	
		Powder	Granular
Specific Surface Area	m ² / g	160 - 195	160 - 195
NasO ₄	%	Max 1.5	Max 1.5
Moisture	%	4 - 7	4 - 7
SiO ₂ (on anhydrous basis)	%	Min 98	Min 98
Salt as Na ₂ SO ₂	%	Max 1.5	Max 1.5
45µm sieve residue	%	Max 0.5	-
pH		6.0 - 7.5	5.0 – 7.0
Conductivity (4% In Ware)	µs/cm	-	Max 1300
Pour Density	g/l	-	290 - 370
Igniting Loss (1000±25°C)	%	4-6	7
DBP Absorption Value	cm ³	2.0-3.5	2.0-3.5
20 Mesh Sieve Residue	%	-	Min 65
80 Mesh Sieve Residue	%	-	Min 75

Packing

As Per Standard Export Packing