MADHU SILICA PVT. LTD.

Leading Manufacturers Range of Precipitated Silicas and Silicates

PRODUCT SPECIFICATION

- ♦ PRODUCT : PRECIPITATED SILICA
- ♦ GRADE : **MFIL-200(S) DF**
- ♦ PACKING : 25 Kgs. (Laminated HDPE bags with LDPE inserts)
- ♦ MARKING : Name of Material, Manufacture's name, Date of mfg., Expiry Date, Lot No. & Net wt.

Sr. No.	PARAMETERS	UNIT	SPECIFICATIONS	TEST METHOD
1.	Appearance	---	White odorless micro pearl silica free from signs of impurity	IMS-WI-QC-003
2.	Loss on Drying, (Loss at 105°C, 2 hrs.)	%	6.0 Max.	IMS-WI-QC-003
3.	Loss on Ignition , on anhydrous basis (at 1000^0C for 2 hrs)	%	6.0 Max.	IMS-WI-QC-003
4.	Bulk Density, Tapped (While material packed)	gm/Lit	230 – 270	IMS-WI-QC-003
5.	pH (in 5% aqu. Suspn.)	---	6.0 – 7.0	IMS-WI-QC-003
6.	Water absorption	%	230 Min.	IMS-WI-QC-003
7.	SiO2 On anhydrous basis	%	98.50 Min.	IMS-WI-QC-003
8.	Soluble Salts	%	1.0 Max.	IMS-WI-QC-003
9.	Surface Area - BET	m^2/gm	170 – 190	IMS-WI-QC-003
10.	Iron Content (Fe+3)	ppm	200 Max.	IMS-WI-QC-003
11.	DBP Absorption (On Barbender Automatic Oil Absorption)	cc/100gm	230 – 260	IMS-WI-RD-05
12.	Average size of agglomerates – D50 (By Malvern Instrument)	Micron	250 – 350	IMS-WI-QC-003
	Additional Parameters :			
13.	Sieve analysis			
	(a) Sieve Residue on 60 Mesh	%	50.0 Min.	IMS-WI-QC-003
	(b) Sieve Residue on 100 Mesh	%	90.0 Min.	IMS-WI-QC-003
	(c) Sieve Residue through 200 Mesh	%	1.0 Max.	IMS-WI-QC-003

RAJSHILA