MADHU SILICA PVT. LTD.

Leading Manufacturers Range of Precipitated Silicas and Silicates

PRODUCT SPECIFICATION

- ♦ PRODUCT : PRECIPITATED SILICA
- ♦ GRADE : **MFIL-P(U)DF**
- ♦ PACKING : 25 Kgs. (Laminated HDPE bags with LDPE inserts) & Jumbo bags
- ♦ 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	240 Min.	IMS-WI-QC-003
5.	pH (in 5% aqu. Suspn.)	---	6.0 – 7.0	IMS-WI-QC-003
6.	SiO2 On anhydrous basis	%	98.50 Min.	IMS-WI-QC-003
7.	Soluble Salts	%	1.0 Max.	IMS-WI-QC-003
8.	Surface Area - BET	m^2/gm	160 – 200	IMS-WI-QC-003
9.	Iron Content (Fe+3)	ppm	200 Max.	IMS-WI-QC-003
10.	DBP Absorption (On Barbender Automatic Oil Absorption)	cc/100gm	250 Min.	IMS-WI-RD-05
11.	Lead	ppm	3.0 Max.	IMS-WI-QC-003A
12.	Arsenic as As	ppm	1.0 Max.	IMS-WI-QC-003A
13.	Mercury	ppm	0.10 Max.	IMS-WI-QC-003A
14.	Average size of agglomerates – D50 (By Malvern Instrument)	Micron	250 – 350	IMS-WI-QC-003
15.	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

SAFETY & HANDLING : Details available in the product Material Safety Data Sheet.

PACKING AND STORAGE : The product is an Inert inorganic material and chemically stable. However due to nature of the material, it can absorb moisture and odour from the surrounding. Recommended storage of bags in sealed conditions only in a ventilated room at room temperature. No special storage conditions required.

The information and Technical data are based on MSPL's knowledge and experience. However MSPL assumes no Liability for such information or advise, relating to any third party Intellectual rights. MSPL reserves the right to make changes any time without prior notice.

Madhu Silica Private Limited
Regd. Office: Plot No. 147, GIDC, Vartej, Bhavnagar - 364 060, Gujarat State (India)
Tel: +91 278 2541766 / 2541866 / 2540800 / 2939550 / 2939560 / 3209029/ 3209154 Fax: +91 278 2541200
E-mail: madhusilica@madhusilica.com Website: www.madhusilica.com

Controlled Copy © Madhu Silica Private Limited.
If printed & Not stamped, then Uncontrolled Documents
Private & Confidential