MADHU SILICA PVT. LTD.

Leading Manufacturers Range of Precipitated Silicas and Silicates

PRODUCT SPECIFICATION

- PRODUCT : PRECIPITATED SILICA
- GRADE : **MFIL-125(S)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, (at 105°C, 2 hrs.)	%	6.0 Max.	IMS-WI-QC-003
3.	Loss on Ignition, on anhydrous basis (at 10000C for 2 hrs.)	%	6.0 Max.	IMS-WI-QC-003
4.	Bulk Density, Tapped (while Material packed)	gm/Lit	230 to 270	IMS-WI-QC-003
5.	pH (in 5% aqu. Suspn.)	---	6.0 to 7.0	IMS-WI-QC-003
6.	Water Absorption	%	230 Min.	IMS-WI-QC-003
7.	SiO2, on anhydrous basis	%	98.5 Min.	IMS-WI-QC-003
8.	Soluble Salts	%	1.0 Max.	IMS-WI-QC-003
9.	Surface Area –BET	m^2/gm	115 to 135	IMS-WI-QC-003
10.	Iron Content (Fe+3)	ppm	200 Max.	IMS-WI-QC-003
11.	DBP Absorption (On Bartender Automatic Oil Absorption)	cc/100gm	220 to 250	IMS-WI-RD-05
12.	Average size of agglomerates – D50 (By Malvern Instrument)	Micron	250-350	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.

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