MADHU SILICA PVT. LTD.

Leading Manufacturers Range of Precipitated Silicas and Silicates

PRODUCT SPECIFICATION

- PRODUCT : PRECIPITATED SILICA
- GRADE : **MFIL-P(U)(Special)**
- PACKING : 20 /25 Kg.(Laminated HDPE bags with LDPE inserts),Paper Bag, Jumbo Bag
- 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	-	Fine, White odorless powder 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 1000^0C 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	%	240 Min.	IMS-WI-QC-003
7.	SiO_2, 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	180 to 200	IMS-WI-QC-003
10.	Iron Content (Fe+3)	ppm	200 Max.	IMS-WI-QC-003
11.	DBP Absorption (On Brabender Automatic Oil Absorption)	cc/100gm	250 Min.	IMS-WI-RD-O5
12.	Arsenic (As)	ppm	3.0 Max.	IMS-WI-QC-003A
13.	Lead (Pb)	ppm	5.0 Max.	IMS-WI-QC-003A
14.	Mercury (Hg)	ppm	1.0 Max.	IMS-WI-QC-003A
	Additional Parameters:			
15.	Average size of agglomerates – D50 (By Malvern Instrument)	Micron	70.0 to 95.0	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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