MADHU SILICA PVT. LTD.

Leading Manufacturers Range of Precipitated Silicas and Silicates

PRODUCT SPECIFICATION

- ♦ PRODUCT : PRECIPITATED SILICA
- ♦ GRADE : **MFIL 125(S)**
- ♦ 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	-	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 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-020
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	115 to135	IMS-WI-QC-003
10.	Iron Content (Fe+3)	ppm	200 Max.	IMS-WI-QC-003
	Additional Parameters:			
11.	DBP Absorption (On Barbender Automatic Oil Absorption)	cc/100gm	220 Min.	IMS-WI-RD-05

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.

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