MADHU SILICA PVT. LTD.

Leading Manufacturers Range of Precipitated Silicas and Silicates

PRODUCT SPECIFICATION

- ♦ PRODUCT : PRECIPITATED SILICA (TREATED SILICA)
- ♦ GRADE : **MFIL-TS1**
- ♦ PACKING : 10 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	---	Fine, White Powder	IMS-WI-QC-003
2.	Behavior with water	---	Hydrophobic	IMS-WI-QC-003
3.	Nitrogen Surface Area (BET)	m^2/gm	80 – 130	IMS-WI-QC-003
4.	Loss on Drying, (at 105 °C, 2 hrs.)	%	1.0 Max.	IMS-WI-QC-003
5.	Ignition loss, on anhydrous basis, (at 1000 °C for 2 hrs)	%	4.0 Max.	IMS-WI-QC-003
6.	Bulk Density, Tapped (While Material packed)	gm/lit	60 – 100	IMS-WI-QC-003
7.	pH Value (4% slurry 1:1, Methanol : Water)	--	5.0 – 7.0	IMS-WI-QC-003
8.	Silicon Dioxide Assay (on Anhydrous Basis)	%	99.0 Min.	IMS-WI-QC-003
9.	Soluble Salts	%	0.5 Max.	IMS-WI-QC-003
10.	Iron Content as Fe+3	ppm	200 Max.	IMS-WI-RD-05
11.	Average Particle Size Distribution, D50, (By Malvern Instrument)	µm	5.0 Max.	IMS-WI-QC-003
12.	Carbon Content	%	2.0 Max.	By Perkin Elmer, Series II,2400

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.

RAJSHILA®

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