MADHU SILICA PVT. LTD.

Leading Manufacturers Range of Precipitated Silicas and Silicates

PRODUCT SPECIFICATION

- ♦ PRODUCT : PRECIPITATED SILICA (TREATED)
- ♦ GRADE : **MFIL-TS100**
- ♦ PACKING : 10 Kgs. (Laminated HDPE bags with LDPE inserts)
- ♦ MARKING : Name of Material, Manufacture's name, Date of mfg., 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.	Loss on Drying, (2 hours at 105 °C)	%	4.0 Max.	IMS-WI-QC-003
4.	Loss on Ignition (2 hrs at 1000 °C)	%	10.0 Max.	IMS-WI-QC-003
5.	Tapped Density (while material packed)	gm/liter	80 to 140	IMS-WI-QC-003
6.	pH value (5% slurry 1:1, Methanol : Water)	---	9.0 to 11.0	IMS-WI-QC-003
7.	Silicon Dioxide Assay (on Anhydrous Basis)	%	98.00 Min.	IMS-WI-QC-003
8.	Soluble Salts	%	1.8 Max.	IMS-WI-QC-003
9.	Iron Content as Fe+3	ppm	300 Max.	IMS-WI-QC-003
10.	Average Particle Size D50, (Laser diffraction)	μm	8.0 Max.	IMS-WI-QC-003
11.	Carbon Content	%	2.0 to 4.0	By Perkin Elmer, Series II,2400
12.	Sieve Residue on 45 μm	%	0.1 Max.	IMS-WI-QC-003
13.	DBP Absorption	cc/100gm	190 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.

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