MADHU SILICA PVT. LTD.

Leading Manufacturers Range of Precipitated Silicas and Silicates

PRODUCT SPECIFICATION

- ♦ PRODUCT : PRECIPITATED SILICA
- ♦ GRADE : **MFIL-HV(3.0 microns)**
- ♦ PACKING : 10.0 Kgs. (Laminated HDPE bags with LDPE inserts), 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.	Moisture, (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	40.0 to 80.0	IMS-WI-QC-003
5.	pH (in 5% aqu. Suspn.)	---	6.0 to 7.0	IMS-WI-QC-003
6.	Linseed Oil Absorption	cc/100gm	300 Min.	IMS-WI-QC-003
7.	Residue on 325 mesh (Wet Sieving)	%	0.10 Max.	IMS-WI-QC-003
8.	SiO_2, on anhydrous basis	%	98.5 Min.	IMS-WI-QC-003
9.	Soluble Salts	%	1.0 Max.	IMS-WI-QC-003
	Average Particle Size-D50 (By Malvern Instrument)	Microns	2.0 to 4.0	IMS-WI-QC-003
10	Iron Content (Fe+3)	ppm	200 Max.	IMS-WI-QC-003
11	Surface Area –BET	m2/gm	180 Min.	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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