MADHU SILICA PVT. LTD.

Leading Manufacturers Range of Precipitated Silicas and Silicates

PRODUCT SPECIFICATION

- ♦ PRODUCT : SODIUM ALUMINA SILICATE
- ♦ GRADE : **MASIL**
- ♦ PACKING : 25.0 /20.0 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.	Loss on Drying, (at 105°C, 2 hrs.)	%	7.0 Max.	IMS-WI-QC-003
3.	Loss on Ignition, on anhydrous basis (at 1000^0C for 2 hrs.)	%	15.0 Max.	IMS-WI-QC-003
4.	pH (in 20 % aqu. Suspn.)	---	9.0 to 10.5	IMS-WI-QC-003
5.	Oil absorption	cc/100gm	90 to 130	IMS-WI-QC-003
6.	Residue on 325 mesh, (Wet Sieving)	%	0.10 Max.	IMS-WI-QC-003
7.	Average Particle Size (D50), (By Malvern Instrument)	Microns	6.0 Max.	IMS-WI-QC-003
8.	Whiteness by Reflection compared with MgO as 100%	%	97.0 Min.	IMS-WI-QC-003A
	Additional Tests:			
9.	SiO_2 on anhydrous basis	%	84.0 Min.	IMS-WI-QC-003
10.	Al_2O_3 Content	%	9.0 to 13.0	IMS-WI-QC-003A
11.	Iron Content (as Fe^{+3})	ppm	200 Max.	IMS-WI-QC-003
12.	BET Surface Area	m^2/gm	60 to 120	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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