

BARSCOM

Specification No. : 51
Annex No: 36
Effective Date : 21.11.2022
Review Period: 36

Product : SODIUM ALUMINA SILICATE

Grade : BASALSI

Packing : 25.0 Kgs. Brick Type Paper bags / Laminated HDPE bags with LDPE inserts, Jumbo bag SODIUM ALUMINA SILICATE

Marking : Name of Material, Manufacture's name, Date of mfg., Expiry Date, Lot No. & Net wt.

Sr.No.	PROPERTIES	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.	
3	Loss on Ignition, on anhydrous basis (at 1000°C for 2 hrs.)	%	15.0 Max.	
4	pH (in 20 % aqu. Susp.)	---	9.0 to 10.5	
5	Oil absorption	cc/100 gm	80 to 120.	
6	Residue on 325 mesh, (Wet Sieving)	%	0.10 Max .	
7	Average Particle Size (D50), (By Malvern Instrument)	Microns	6.0 Max.	
8	Whiteness by Reflection compared with MgO as 100%	%	97.0 Min.	
9	Additional Tests: SiO ₂ on anhydrous basis	%	84.0 Min.	
10	Al ₂ O ₃ Content	%	9.0 to 13.0	
11	Iron Content (as Fe+3)	ppm	200 Max.	
12	BET Surface Area	m ² /gm	60 to 120	

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