SURAJ CHEMICALS

AN ISO 9001:2015 CERTIFIED COMPANY

18 Aug 2026

TEST REPORT

ACTIVATED ALUMINA (IS 9700-1981)

CHARACTERISTICS	RESULTS
PARTICLE SIZE	3 TO 5 MM / 5 TO 8 MM
AL_2O_3	92% MIN
ABSORPTION CAPACITY AT 30°C, 60% RH BY WT	20–23%
NA_2O_3	0.1–0.3%
FE_2O_3	0.02–0.12%
FREE MOISTURE	2% MAX
SIO_2	0.02–0.12%
SIZE TOLERANCE (OVER/UNDER SIZE)	MAX 2%
WATER SOLUBLE CHLORIDE	0.7%
SURFACE AREA	350–390 SQ.MTR/GM MIN
PORE VOLUME	0.4–0.5 CC/GM
STATIC ABSORPTION AT 30°C & 60% R.H	17–19
BULK DENSITY	750–890 GM/LTR
BED CRUSHING STRENGTH	90–96%
PH VALUE	4.6 TO 8
LOSS OF IGNITION (250–1000°C)	6–8%
LOSS ON ATTRITION	0.5%

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