

16 Aug 2026

TEST REPORT

ACTIVATED ALUMINA (IS 9700-1981)	
CHARACTERISTICS	RESULTS
○ PARTICLE SIZE	3 TO 5 MM / 5 TO 8 MM
△ AL ₂ O ₃	92% MIN
△ ABSORPTION CAPACITY AT 30°C, 60% RH BY WT	20–23%
△ NA ₂ O ₃	0.1–0.3%
△ FE ₂ O 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%

(This report is computer generated and therefore does not require any signature.)

(For industrial use only. Not for fertilizer/oral/food or medical use)

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