



UG 1 Activated Alumina

TECHNICAL DATA SHEET

DESCRIPTION

- * Actal UG1 is a high density free-flowing powder.
- * Actal UG1 is a heat activated Aluminium Oxide.

TYPICAL PROPERTIES

- * Chemical
 - Loss on ignition (@ 1000°C)
 2-5 wt%

•	Al_2O_3	94-97	wt%
•	Na ₂ O	0.5	wt%
•	CaO	0.06	wt%
•	SiO ₂	0.03	wt%
•	Fe ₂ O ₃	0.01	wt%

- pH of 10% suspension
- Physical

•	Bulk Density	1.0	g/cm ³
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Surface Area
 Pore Volume
 190 m²/g
 0.22 cm³/g

(Pores below 300Å diameter)

Particle Size

100 wt% less than	150	micron
90 wt% less than	95	micron
50 wt% less than	66	micron
10 wt% less than	38	micron

PACKAGING

- ★ UG1 is available in either 25 kg plastic tubs or 175 kg steel drums.
- * Both drum sizes are open-topped and resealable.

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