

ACTAL UG1

Activated Alumina

Product Data

Composition

High density, free flowing, heat activated aluminium oxide powder

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Free Moisture:	0.3 wt %
Loss on Ignition at 1000C:	3.5 wt %
Particle Size 10 % by weight less than:	40 µm
Particle Size 50 % by weight less than:	65 µm
Particle Size 90 % by weight less than:	95 µm
Particle Size less than 150µm:	100 wt %
pH of 10 % dispersion in water:	9.7
Surface Area:	105 m ² /g
Pore Volume:	0.24 cm ³ /g
Chemical Composition (Dry Basis) Al ₂ O ₃ :	95 wt %
Chemical Composition (Dry Basis) Na ₂ O:	0.33 wt %

Recommended Use

ACTAL UG1 can be used for chromatographic applications where strict control of Brockmann activity is not required. The moderate surface area of ACTAL UG1 is also suitable for use as a catalyst support. ACTAL UG1 is particularly suited to application as a heat transfer media where the control of heating or cooling processes is critical. The excellent fluidising provide an important advantage in these applications.

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