

# TRAMFLOC, INC.

*Industrial & Municipal & Mining Water & Wastewater Treatment Equipment & Chemicals*

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## TRAMFLOC<sup>®</sup> D-201 ACTIVATED ALUMINA

TRAMFLOC<sup>®</sup> D-201 is a spherical activated alumina with high surface area, high adsorption capacity, and optimal abrasion resistance.

TRAMFLOC<sup>®</sup> D-201 activated alumina is specifically designed as a high-capacity, abrasion-resistant desiccant. Its excellent adsorption and desorption characteristics make it especially suitable for heatless (pressure swing) adsorption applications, such as dehydration and cryogenic air purification.

### GRADES

1/4"	(6.4 mm)	(1/4 inch nominal)
3x6 mesh	(6.7 mm x 3.3 mm)	(3/16 inch nominal)
5x8 mesh	(4.0 mm x 2.4 mm)	(1/8 inch nominal)

### TYPICAL PROPERTIES: (5x8 Beads)

Surface area (m <sup>3</sup> /gm)	350
Bulk density (lb/ft <sup>3</sup> )	47 (753 kg/m <sup>3</sup> )
Crush strength <sup>(1)</sup> (lb <sub>f</sub> )	35 (15.8 kg <sub>f</sub> )
Abrasion loss (wt -%)	0.2

<sup>(1)</sup>Crush strength varies with the sphere diameter. The crush strength reported is for a mesh (4.0 mm) sphere.

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub> (wt -%)	94.6
SiO <sub>2</sub> (wt -%)	0.02
Fe <sub>2</sub> O <sub>3</sub> (wt -%)	0.02
Na <sub>2</sub> O (wt -%)	0.35
Loss on ignition (wt -%)	5.0

TRAMFLOC<sup>®</sup> D-201 activated alumina can be regenerated for re-use by purging or evacuating at elevated temperatures. is temperature sensitive. It must be stored between 32<sup>0</sup> F and above 140<sup>0</sup> F.

TRAMFLOC<sup>®</sup> D-201 is packaged in the following containers.

- 50-lb multiwall moisture-proof bags
- 55-gallon steel drums
- quick load bags

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