

TRAMFLOC, INC.

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TRAMFLOC® D-201 ACTIVATED ALUMINA

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

TRAMFLOC® 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.

TRAMFLOC® D-201

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)
7x12 mesh	2.5 mm (1.4 mm x 2.8 mm)	(1/16 inch nominal)

TYPICAL PROPERTIES: (5x8 Beads) tc 113 "TYPICAL PROPERTIES:

Surface area (m ² /gm)	350
Bulk density (lb/ft ³)	47 (753 kg/m ³)
Crush strength ⁽¹⁾ (lb _f)	35 (15.8 kg _f)
Abrasion loss (wt -%)	0.2

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

TYPICAL CHEMICAL ANALYSIS

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

TRAMFLOC® 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° F and above 140° F.

TRAMFLOC® 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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