

TRAMFLOC, INC.

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

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TRAMFLOC[®] A-202HF Activated Alumina

TRAMFLOC[®] A-202HF is a spherical activated alumina that has a high macroporosity and high surface area. It ensures maximum capacity for removing both HF and organic fluorides from hydrocarbon streams.

TRAMFLOC[®] A-202HF activated alumina is used as a high-capacity scavenger for defluorination of butane, propane, and alkylate streams produced in the HF alkylation process. The A-202HF alumina is converted to aluminum fluoride.

Use of A-202HF activated alumina allows the user to participate in the Recoverable Alumina Fluoride (RALF) program, provided the spent product meets established criteria.

GRADES

1/2" x 1/4"	(12.7 mm x 6.4 mm)	(5/16 inch nominal)
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 ³ /gm)	325
Bulk density (lb/ft ³)	48 (767 kg/m ³)
Crush strength ⁽¹⁾ (lb _f)	23 (10.3 kg _f)
Abrasion loss (wt -%)	0.3
Macroporosity >700Å (cc/gm)	0.13

⁽¹⁾Crush strength varies with the sphere diameter. The crush strength reported is for a 6 mesh (3.3 mm) sphere.

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃ (wt -%)	93.6
SiO ₂ (wt -%)	0.02
Fe ₂ O ₃ (wt -%)	0.02
Na ₂ O (wt -%)	0.35
Loss on ignition (wt -%)	6.0

TRAMFLOC[®] A-202HF is packaged in the following containers.

- 55-gallon steel drums
- quick load bags

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