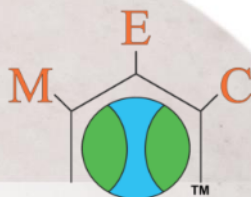




Made in USA



Cleaner Products. Cleaner World.

Activated Alumina Spheres & Granules

Water Treatment

Catalysis

Desiccant

Adsorption

MEC-A1™	Spherical, 0.25 inch
MEC-A2™	Spherical, 3x6 mesh
MEC-A3™	Spherical, 5x8 mesh
MEC-A4™	Spherical, 7x14 mesh
MEC-A5™	Granular, 14x28 mesh
MEC-A6™	Granular, 28x48 mesh



Quantity: Grams to Tons
High Surface Area
Excellent Crush Strength



Industries

Water Treatment
Petrochemical
Oil & Gas
Healthcare

Benefits

Cost-effective
Adaptable
High Porosity
High Adsorption Capacity



Activated Alumina

MEC Fuels & Chemicals

www.mecfuelchem.com



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Product	Size	Surface Area (m ² /g)	Bulk Density (lb/ft ³)
MEC-A1	0.25" dia	320-340	35-40
MEC-A2	3x6 mesh	320-380	36-47
MEC-A3	5x8 mesh	320-380	37-42
MEC-A4	7x14 mesh	310-350	38-44
MEC-A5	14x28 mesh	310-350	38-44
MEC-A6	28x48 mesh	310-350	38-44

CHEMICAL ANALYSIS (Dry basis)

TYPICAL

SiO ₂	0.02 wt%
Fe ₂ O ₃	0.02 wt%
Na ₂ O	0.3 wt%
Loss on Ignition	5.0 wt%
Al ₂ O ₃	95.0 wt%

Potable Water Treatment

Removes fluoride, arsenic, lead, arsenic, beryllium, fluoride, selenium, thallium, phosphates, sulfates, natural organic acid derivatives.

Groundwater Treatment

Reduces arsenic, zinc, silica, copper, lead, selenium phosphate, sulfate.

Industrial Water Treatments

Removes fluorides, volatile organic compounds, uranium, lead, copper.

Hydrocarbon Purifications

Adsorption of Polar Contaminants

Refrigerant & Compressor Lubricant Purification

Removes HF, H₂O, acidic contaminants

Gas and Liquid Dehydration

Removes H₂O efficiently

Desulfurization of Gases

Removal of COS, H₂S, Mercaptans from industrial gases

Catalyst Supports and Guard Beds

Catalytic reforming processes
Hydrodesulfurization

Vapor Phase Chloride Traps

Removes HCl



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