



EGC-APP DATA SHEET

Potassium Permanganate Impregnated Media

EGC-APP is a 4% potassium permanganate on alumina sphere for gas phase filtration. The media is thoroughly tested before shipment to follow procedures including bulk density, potassium permanganate content, moisture content, crush strength, and abrasion.

PHYSICAL PROPERTIES	SPECIFICATION
Temperature	-4 F to 125 F
Humidity	10 – 95%
Airflow	25 – 100,000 cfm
Media Performance	99.5%
Media Life	Depends on Project

PARAMETERS	SPECIFICATIONS	TYPICAL PROPERTIES
Moisture Content (as packed), %	25	max
Apparent Density, lbs./ft ³	50	
KMnO ₄ Impregnation, %	4	nominal
H ₂ S Capacity, weight (g/cc)	8% min.	
Sulfur Dioxide Capacity, weight	4% min.	
Nitric Oxide Capacity, weight (g/cc)	2.85% min.	
Nitrogen Dioxide Capacity, weight (g/cc)	11.25	
Crush Strength	7 lbs.	Min. by weight
Nominal Pellet Diameter	3/16", 1/8"	3x6 mesh, 5x8 mesh
Packaging	50 lbs. boxes	2,000 lbs. bags

EGC-APP

POTASSIUM PERMANGANATE IMPREGNATED MEDIA