

Ethysorb®



Ethylene removal for fruit, vegetable and flower conservation

Applications

Ethysorb® is a well established, robust, low dusting air filter medium consisting of potassium permanganate impregnated into a carefully selected activated alumina carrier designed for control of corrosive, inorganic gases (H₂S, SO₂) and reactive organic compounds e.g. ethylene, formaldehyde.

Characteristics

Particle size	2.5 - 5.0mm beads
Bulk Density	1000kg/m ³
Particle Crushing Strength	70N
Usage Conditions	-10°C to + 40°C relative humidity 10-95%

Description

Brightly coloured purple spheres of activated alumina containing an optimised loading of potassium permanganate. Ethylene enhances the ripening in many flowers, fruits and vegetables. Therefore if the ethylene is removed as it forms the ripening process can be retarded keeping the produce fresher in transport and/or storage.



Pressure Drop (Pascal's)

Measured through a vertically mounted pellet bed

Face Velocity m/sec	Bed Depth 5cm	Bed Depth 7.5cm	Bed Depth 10cm
0.2	45	60	75
0.5	135	165	220
0.8	270	310	380

Storage

Store in tightly closed containers or sealed bags to prevent accidental contamination.

Quality

Molecular Products Ltd's aim is to manufacture chemical products which satisfy completely the needs of our customers. All products are rigorously tested to ensure conformance to the specification. Our activities comply to the requirements of ISO9001:2008.

Additional Information

Packaging	Number of Packs / Drums on Pallet	Nett weight of Pallet kg	Gross Pallet weight	Dimensions of fully laden pallet (W x D x H)
Tubes 1kg	50	200	249	Tubes 1kg 120 x 100 x 91cm
Blankets 7kg	12	336	385	Blankets 7kg 120 x 100 x 91cm
Keg 20kg	32	640	705	Keg 20kg 12 x 100 x 95cm

(Tube Straps - A set of 2 polypropylene straps and buckles are required for holding the tubes)

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