

HIGGINS & HEWINS

Air and Gas Purification Systems

TYPE: **SULFATREAT
SELECT HP**
AIR & GAS PURIFICATION MEDIA



- High Capacity, Fast Reacting
- Removes Hydrogen Sulphide, Low Molecular weight Mercaptans and Disulphides from gas streams
- Mixed Metal Oxide absorbent
- Desulphurisation reaction forms a stable metal sulphide.

Specification

SULFATREAT SELECT HP is a high-capacity, fast-reacting mixed-metal-oxide absorbent with enhanced macro-porosity for improved activity. This allows for smaller vessels and smaller product volumes in a given process application, providing flexibility in system design. SULFATREAT SELECT HP is an extruded product suitable for the removal of hydrogen sulphide, low-molecular-weight Mercaptans and disulfides from gaseous hydrocarbons at low temperature. Desulphurisation is achieved by reaction with mixed-metal oxides forming a stable metal sulphide.

Applications

- Reliable, predictable performance
- Operating flexibility
- Cost-effective sulphur removal
- Low pressure drop
- Impurity removal to low levels
- Simple vessel change outs
- Straightforward disposal of spent media.

Media Properties

Nominal size	:	3mm dia x 6mm length
Form	:	Extrudates
Composition	:	Proprietary
Packing density, kg/L	:	0.85 to 0.95
Surface area	:	>40m ² /g

Packaging

SULFATREAT SELECT HP can be supplied in 0.5/1.0 m³ bulk bags

A full range of Media's are available for most applications – details available on request.

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