

HS-600

ODOR & VOC TREATMENT



HYDROSIL
INTERNATIONAL LTD.

APPLICATIONS

Odor Control
Sewage Treatment Plants
Refineries
Airports
Steel & Metal Producers
Wastewater Facilities
Landfills
Oil, Gas, & Petrochemical
Groundwater Remediation

Hydrosil's HS-600 uses reactive chemistry to oxidize various inorganic and organic compounds. The HS-600 is manufactured by impregnating zeolite with potassium permanganate (KMnO₄). Through oxidation-reduction (redox) reactions, KMnO₄ is used in vapor control to remove harmful gases such as DCE, TCE, DMS, DMDS, mercaptans, and styrene.

The HS-600 insignificant dusting attributes make it an ideal media for gas phase filtration. The HS-600 is designed for odor control and treating volatile organic compounds (VOCs) and hazardous air pollutants such as acid gases, aldehydes, amines, etc.

TYPICAL PHYSICAL PROPERTIES

Apparent Density, lb./ft ³	60 – 62
Standard Mesh Size	4 x 8
Hardness	95
Max Temperature, °F	182
Active Ingredient, % wt.	6.0 – 8.0

DIFFERENTIAL PRESSURE

