

HS-100-PO

AMMONIA GAS TREATMENT



HYDROSIL
INTERNATIONAL LTD.

APPLICATIONS

Animal Clinics
Semiconductor Industry
Chemical Manufacturing
Metal Smelting
Odor Control

Hydrosil's HS-100-PO is a hard granular material impregnated to effectively remove ammonia gas.

The theoretical removal for ammonia with HS-100-PO is 4.32 percent weight. The phosphoric acid reacts with the ammonia in an acid-base neutralization. The HS-100-PO is an excellent choice for higher temperature applications because this product has no chance of bed fire.

TYPICAL PHYSICAL PROPERTIES

Apparent Density, lb./ft ³	60
Standard Mesh Size	4 x 8
Specific Surface Area, m ² /g	40
Active Ingredient, % wt. min	12.5

DIFFERENTIAL PRESSURE

