

# 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 <sup>3</sup>    | 60    |
| Standard Mesh Size                       | 4 x 8 |
| Specific Surface Area, m <sup>2</sup> /g | 40    |
| Active Ingredient, % wt. min             | 12.5  |

### DIFFERENTIAL PRESSURE

