

## HYD03A (M.S. for Insulating Glass)

### Description:

Molecular sieve HYD03A is a synthetic zeolite of A-type crystal structure in potassium-sodium form with a pore opening of 3 angstroms (0.3 nm).

### Application:

Molecular sieve HYD03A for insulating glass (IG) is used to adsorb continuously an amount of moisture from the interspaces, maintains the proper dew point of the space between the inner and outer panes of IG, minimize pressure changes which can eventually leads to distortion of IG or even broken. The product can extend the lifetime of IG unit with low dust, low attrition and low gas desorption to resulting in enhancing the quality, performance, and reliability of IG.

### Specification:

Items	Unit	Beads						
Diameter	mm	0.5-0.8	0.5-1.0	0.8-1.2	1.0-1.5	1.2-1.8	1.5-2.0	1.6-2.5
Bulk Density	g/mL	≥0.75	≥0.75	≥0.75	≥0.75	≥0.75	≥0.74	≥0.74
Crush Strength	N	-	-	-	≥10	≥12	≥18	≥35
Static Water Adsorption	wt. %	≥20.0	≥20.0	≥20.0	≥20.0	≥20.0	≥20.0	≥20.0
Delta T *	°C	≥35	≥35	≥35	≥35	≥35	≥35	≥35
Dust	mg/m <sup>3</sup>	≤20	≤20	≤20	≤20	≤20	≤20	≤20
	NTU	≤20	≤20	≤20	≤20	≤20	≤20	≤20
Moisture Content	wt. %	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0

\* 20mL MS + 20mL Water.

### Standard Packaging:

- 25 Kg / Carton with Foil Bag
- 150 Kg / Iron Drum

### Attention:

- The product as desiccant cannot be exposed in the open air and should be stored in dry condition with air-proof package.