

HYG03C (M.S. 3A EPG)

Description:

Molecular sieve HYG03C is a synthetic zeolite of A-type crystal structure in potassium-sodium form with a pore opening of 3 angstroms (0.3 nm).

Application:

Applied in deep dehydration of olefin cracked gas in ethylene industry. It has superior coking tolerance and attrition resistant properties to guarantee longest service life and lowest pressure drop.

Specification:

Properties		Pellets	
Items	Unit	1/16 Inch	1/8 Inch
Diameter	mm	1.5-1.8	2.8-3.2
Bulk Density	g/mL	≥0.68	≥0.68
Crush Strength	N	≥35	≥70
Static Water Adsorption	wt%	≥20.5	≥20.5
Attrition	wt%	≤0.4	≤0.4
Moisture Content	wt%	≤1.0	≤1.0

Standard Packaging:

- 125 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.
- The product should be regenerated after a certain period of adsorption. The appropriate regenerated temperature would be better below 350 °C.