

HYG04C

Description:

Molecular sieve HYG04C is a synthetic zeolite of A-type crystal structure in sodium form with a pore opening of 4 angstroms (0.4 nm).

Application:

Applied in dehydration for most gases and liquids as follows:

- ✓ Deep drying of gases and liquids, such as air, carbon dioxide, natural gas, coal gas, hydrogen gas, oxygen gas, refrigerants, solvent, etc.;
- ✓ Purification of argon gas;
- ✓ Used as adsorbent for polyurethane coatings and polymer systems;
- ✓ Static drying for drugs packaging, electronic components and perishable chemicals.

Specification:

Properties		Beads	
Items	Unit	8×12 Mesh	4×8 Mesh
Diameter	mm	1.6-2.5	2.5-5.0
Bulk Density	g/mL	0.75-0.81	0.70-0.76
Crush Strength	N	≥40	≥80
Static Water Adsorption	wt. %	≥21.5	≥21.5
Attrition	wt. %	≤0.1	≤0.1
Moisture Content	wt. %	≤1.5	≤1.5

Standard Packaging:

- 30 Kg / Iron Drum

Attention:

- The product as adsorbent 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.