

HYD03B

Description:

Molecular sieve HYD03B 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 the dehydrating gas streams of unsaturated hydrocarbon (e.g. ethylene, propylene, butadiene, acetylene, etc.) in olefin crackers prior to cryogenic separation of LPG or other olefin products;
- ✓ Dehydration of benzene, toluene, xylene and other solvents (e.g. ethanol, methanol);
- ✓ Natural gas dehydration and with min. COS formation;
- ✓ Dehydration of food-grade carbon dioxide;
- ✓ Dehydration of oil and jet fuel.

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	0.72-0.78	0.70-0.76
Crush Strength	N	≥30	≥70
Static Water Adsorption	wt. %	≥21.0	≥20.5
Attrition	wt. %	≤0.1	≤0.1
Moisture Content	wt. %	≤1.0	≤1.0

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.