



Molecular Sieves CaX

Molecular Sieve CaX is the calcium form of the type X crystal and has a much larger pore opening than the type A crystals. It will adsorb molecules with a kinetic diameter of less than 9 Angstrom (0.9nm) and exclude molecules of larger than 0.9nm. It is commonly used to remove N₂O in cryogenic air separation.

Technical Specification

Property	Unit	Specification	Note
Diameter	mesh	6-8	~
N ₂ Adsorption (%wt)	%wt	≥18.0	760mmHg, 25°C
Crushing Strength (N/Granule)	%wt	≥25	Avg. 25 beads
Bulk Density	g/ml	≥0.60	Tapped
Loss on ignition	%wt	≤1.5	575°C, 1hr
Loss on Attrition	%wt	≤0.3	~

Advantage:

1. Higher adsorption capacity, developed internally connected pore structure and smaller crystal size make it have better dynamic and static adsorption performance;
2. Relatively higher mechanical strength, to ensure a long service life;
3. Lower package moisture content is beneficial to ensure higher adsorption activity;
4. The product is general solid waste, safe and reliable.

Packing:

55-gallon air-tight iron drum.

25 kg carton with inner PE bag.

※Other packing according to your requirement.