



Molecular Sieves 5A

Molecular Sieve 5A is the calcium exchanged form of the A crystal. The strong ionic forces of the divalent calcium ion make it an excellent adsorbent for removing carbon dioxide, hydrogen sulfide and other weakly polar molecules. This product is also used for separating normal straight chain hydrocarbons from branched hydrocarbons.

Properties	Specifications			
	Granular		Beaded	
Beads size (inch)	1/16	1/8	3/32	1/8
Beads (mesh)	12x14	7x8	6x8	4x8
Beads (mm)	1.5-1.7	3.0-3.3	2.0-3.0	3.0-5.0
Pore diameter (angstroms)	5	5	5	5
Static Adsorption Capacity >= %	23	23	23	23
Abrasion loss, <= %	0.1	0.2	0.1	0.2
Qualified ratio of granules/beads, >= %	98	98	96	96
Bulk density (g/L)	720	720	720	720
Crushing strength (lb), >=	8	12	8	15
N-hexane adsorption, >= %	14	14	14	14
Packaging	150kg (330lb) air tight drums or 25kg (55lb) cartons			
Appearance	White pellets		White beads	

Storage

Keep container sealed at all times to prevent exposure to air moisture during storage.