



Molecular Sieves 3A

Molecular Sieve 3A excludes most molecules except water. It is used for natural gas dehydration, cracked gas drying, olefins drying, ethanol drying, etc. It is usually made by ion exchanging potassium onto a Type 4A in place of sodium.

Properties	Specifications			
	Granular		Beaded	
Beads size (inch)	1/16	1/8	1/16	1/8
Beads (mesh)	12x14	7x8	8x12	4x8
Beads (mm)	1.5-1.7	3.0-3.3	1.7-2.5	3.0-5.0
Pore diameter (angstroms)	3	3	3	3
Static Adsorption Capacity >= %	23	23	23	23
Abrasion loss, <= %	0.1	0.2	0.1	0.1
Qualified ratio of granules/beads, >= %	98	98	96	96
Bulk density (g/L)	720	720	720	720
Crushing strength (lb), >=	12	15	12	15
Packaging	150kg (330lb) air tight drums or 25kg (55lb) cartons			
Appearance	Light tan pellets		Light tan beads	

Storage

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