

Specification for Molecular Sieve 3A

3A-S

■Molecular formula: $\langle 2/5K_2O * 3/5Na_2O * Al_2O_3 * 2SiO_2 * 9/2H_2O \rangle$

■Technical index:

Item	Standard		
Grade	3A-S		
Pore diameter	3 angstrom		
Appearance and color	pale yellow		
Grain diameter, ϕ mm	0.5-0.9MM	1.0-1.5MM	1.3-1.7MM
Density of loose packing, g/ml	≥ 0.68		
Water Ads. Capacity, %	≥ 20.0		
Crush strength, N/particle	-	14	16
Rate of friction loss,%	≤ 0.10		
Dust, NTU(PPM)	≤ 30		
Moisture-absorbing velocity, mg/g.min	≤ 0.60		
Static nitrogen-absorbing capacity, mg/g	≤ 2		
Granularity distribution,%	≥ 98		
Moisture content of packaged product,%	≤ 1.5		
Water Delta T , (10g/10ml)	$\geq 36^{\circ}C$		