

BASF 4AG11 Molecular Sieve

BASF 4AG11 Molecular Sieve is a synthetic crystalline aluminosilicate with a regular micropore structure.

Zeolite Structure	A type (LTA)
Pore Size	4 Å (0.4 nm)
Chemical Formula	$\text{Na}_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot 2 \text{SiO}_2 \cdot n \text{H}_2\text{O}$

Product Applications

BASF 4AG11 Molecular Sieve is a specialty 4A molecular sieve created for higher stability in the toughest environments. BASF 4AG11 exhibits high water adsorption capacity at low partial pressures and at temperatures up to 100 °C.

Regeneration

Regeneration of BASF 4AG11 Molecular Sieve may be carried out by increasing the temperature and/or reducing the pressure or using a suitable purge gas, respectively.

Packaging

- 216 L (135 kg) air tight steel drums
- Polypropylene inliner equipped big bags of different sizes (450 – 850 kg net)

Typical Properties

Beads size range, nominal, mm	1.6 – 2.5	2.5 – 5.0
Mesh Range, approx.	8 x 12	4 x 8
Bulk Density, compacted, g/L	700 - 770	700 - 770
Attrition, % wt.	Max 0.2	Max 0.2
Crush Strength, N/bead	Min 25	Min 50
Moisture Content (as delivered, % wt)	Max 1.0	Max 1.0
Water Adsorption Capacity*, 55% relative humidity, 20 °C, % wt	Min 19.5	Min 19.5

* Sample activated. Other beads and sizes available on request.

About Us

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BASF - We create chemistry

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