



## AM-AD-11

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**Characteristics:**

Under certain operating conditions and regeneration conditions, the drying depth of this product is as high as the dew point temperature - 50° degrees. This product can be used for gas drying in the electronics industry, drying for automatic instrument wind, and drying in chemical fertilizer, steel, petrochemical and other industries. Detergent and purifying agent is a highly efficient desiccant for deep drying of trace amounts of water. It is very suitable for non-heat and micro-heat regeneration devices.

|                               |                                |             |             |             |             |                   |
|-------------------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------------|
| <b>Chemical analysis:</b>     | Al <sub>2</sub> O <sub>3</sub> | ≥92         | ≥92         | ≥92         | ≥92         | %                 |
|                               | SiO <sub>2</sub>               | ≤0.10       | ≤0.10       | ≤0.10       | ≤0.10       | %                 |
|                               | Fe <sub>2</sub> O <sub>3</sub> | ≤0.04       | ≤0.04       | ≤0.04       | ≤0.04       | %                 |
|                               | Na <sub>2</sub> O              | ≤0.45       | ≤0.45       | ≤0.45       | ≤0.45       | %                 |
| <br>                          |                                |             |             |             |             |                   |
| <b>Physical properties:</b>   |                                |             |             |             |             |                   |
| <b>Static adsorption</b>      |                                | 18±1        | 18±1        | 18±1        | 18±1        | wt%               |
| <b>Adsorption rate(water)</b> |                                | ≥50         | ≥50         | ≥50         | ≥50         | %                 |
| <b>Bulk density</b>           |                                | ≤0.72       | ≤0.72       | ≤0.72       | ≤0.72       | g/ml              |
| <b>Surface area</b>           |                                | ≥300        | ≥300        | ≥300        | ≥300        | m <sup>2</sup> /g |
| <b>Pore volume</b>            |                                | ≥0.40       | ≥0.40       | ≥0.40       | ≥0.40       | ml/g              |
| <b>Crushing strength</b>      |                                | ≥150(3-5mm) | ≥180(4-6mm) | ≥220(5-7mm) | ≥240(6-8mm) | N/Granule         |