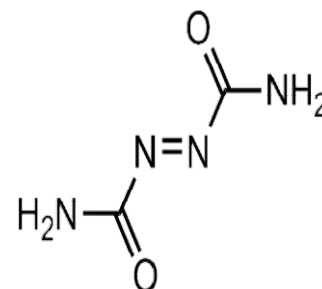


AC7000DB Technical Data Sheet

Product Characteristics

Azodicarbonamide (AC or ADCA) is the most popular chemical blowing agent. Generally, AC is orange to pale yellow, crystalline solid with a decomposition temperature of 201-205°C (in air). Unlike a number of other chemical blowing agents, AC is self-extinguishing when flame is removed. The decomposition residues are odorless, non-toxic, non-coloring and non-straining. The particle size and distribution can be controlled with widely different ranges. The particle size and distribution are one of the most significant factors.



Applications

- PVC
- Rubber
- Adhesives

Specifications & Properties

➤ Appearance:	Pale yellow fine powder
➤ Molecular Weight:	116.08
➤ Decom. Temp.:	201-205 °C
➤ Gas Volume (in Air):	280-300 ml/g
➤ Particle Size (by Malvern):	4.8-5.8 μm
➤ Moisture:	0.3% Max
➤ pH:	6.5-7

* DB Type is excellent dispersion product in vinyl plastisol.

Properties

- Odorless
- Non-toxic
- Low density



Packing

20 Kg Carton box / 25 Kg bag.

Transport & Storage Precautions

- Expiration Date: 1 year
- Storage Instruction: Keep container tightly closed in a dry and well-ventilated place
- Transport: Avoid contact with a direct ray of light and moisture.
- Using: Wear protective gloves, dust mask and goggles
- Disposal: Contact a licensed professional waste disposal service to dispose of this material
- Fire & Explosive: Non-flammable, non-explosive. Decompose around 200°C
- Extinguish Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide



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