

# UNICELL-DL & DK Series

## Description

**UNICELL-DL** series is an azodicarbonamide based foaming agent with the fastest decomposition rate, making it suitable for processes such as PVC casting.

**UNICELL-DK** series is an excellent product with high whiteness, making it suitable for EVA and rubber processes.

## Properties of UNIDELL-DL & DK series

| Item                           | Specification             |          |          |                |          |
|--------------------------------|---------------------------|----------|----------|----------------|----------|
| Grade Name                     | DL31                      | DL75N    | DL04     | DK             | DK9      |
| Chemical Name                  | Modified Azodicarbonamide |          |          |                |          |
| Appearance                     | Fine Yellow Powder        |          |          |                |          |
| Decomposition Temperature (°C) | 140~145                   | 142~145  | 135~140  | 160~165        | 163~168  |
| Gas Volume (ml/g, at 25°C)     | 145~165                   | 170~190  | 135~155  | 170~190        | 175~195  |
| Average Particle Size (µm)     | 2.6~3.0                   | 3.5~4.0  | 2.6~3.0  | 3.0~3.5        | 3.0~3.5  |
| Moisture Content (%)           | 0.3 max.                  | 0.3 max. | 0.3 max. | 0.5 max.       | 0.5 max. |
| Application                    | PVC Plastisol             |          |          | Rubber Molding |          |

## Applications

When using **UNICELL-DL and DK** series, process temperatures may need to be lowered to prevent premature decomposition during compounding.

\*Modified Azodicarbonamide (Azobisformamide)

\*Specially designed foaming agents for cellular plastics and rubbers