

## UNICELL-DWP Series

- Modified Azodicarbonamide (Azobisfomamide)
- Specially designed foaming agents for expanded PVC wall coverings

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## Description

- UNICELL-DWP series has been designed specially to be used in expanded PVC wall coverings. Besides of advantage of solid vinyl wall coverings, they have some merits ;
- Design in depth
  - Increasing thermal insulation
  - Reduction in weight with consequent saving of raw materials
  - Providing whiter foams

## Properties of UNICELL- DWP series

Item	Specification					
Grade Name	DWPX03	DX77N	KD10	PL05	DW007	DW009
Chemical Name	Modified Azodicarbonamide					
Chemical Formula	$\text{H}_2\text{N} - \text{CO} - \text{N} = \text{N} - \text{CO} - \text{NH}_2$					
Appearance	Fine Yellow Powder					
Decomposition Temperature (°C)	176~179	143~147	142~148	167~173	160~165	152~158
Gas Volume (ml/g, at 25 °C)	215~240	170~180	140~160	200~220	170~180	155~165
Average Particle Size (μm)	2.8~3.2	6.0~7.0	4.0~4.5	2.8~3.2	2.8~3.2	2.8~3.2
Moisture Content (%)	0.3 max.	0.5 max.	0.5 max.	0.5 max.	0.3 max.	0.5 max.
Application	PVC wall coverings					

\* Measured by Laser Particle Sizer

## Applications

- UNICELL-DWP series is particularly suitable for PVC wall coverings in the process of spread coating. UNICELL-DWP series can be used for mechanical or chemical embossing process.

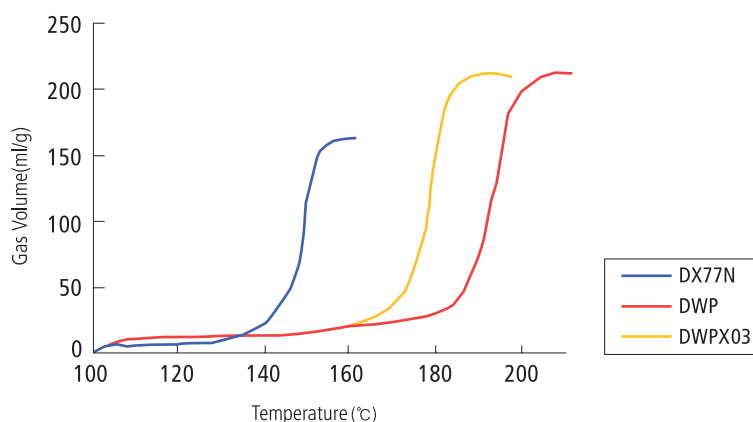


Fig. The decomposition behaviors of UNICELL-DWP series when heating speed is 3.3 °C/min.