

UNICELL-AD Series

Description

UNICELL-AD series is widely used as an economical foaming agent for thermoplastics and rubbers.

UNICELL-AD series is applied in low-temperature processes.

UNICELL-AD series can consistently produce white cellular materials and reduce curing time, thereby saving energy and material costs.

Decomposition of UNICELL-AD series

Item	Specification				
Grade Name	ADST	AD#1	AD#2	AD#3 (AD300)	ADP#3
Chemical Name	Modified N,N'-Dinitrosopentamethylenetetramine				
Appearance	Fine Yellow Powder				
Decomposition Temperature (°C)	132~138	132~138	132~138	132~138	132~138
Gas Volume (ml/g, at 25°C)	120~130	120~130	120~130	115~135	110~120
Average Particle Size (μm)	5.0~6.0	6.0~7.0	5.0~6.0	5.0~6.0	5.0~6.0
Moisture Content (%)	0.5 max.	0.5 max.	0.5 max.	0.5 max.	0.5 max.
Application	Compressing molding of EVA, EVA-PE blending resin, PE and rubbers				

Applications

UNICELL-AD series is widely utilized as a cost-effective foaming agent for thermoplastics and rubber materials.

UNICELL-AD series is suitable for low-temperature processing.

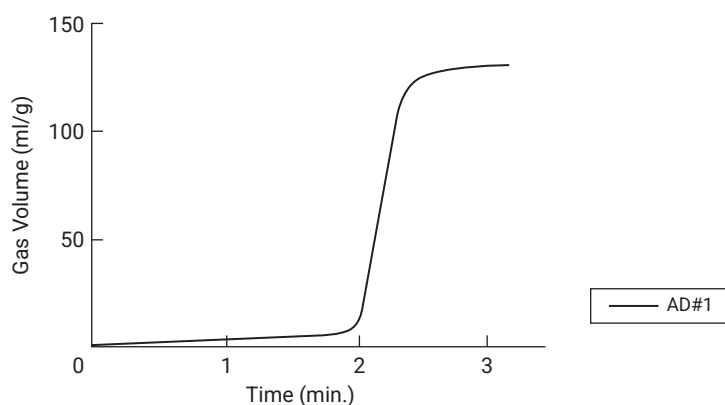


Fig. Decomposition behavior of UNICELL-AD series at the constant temperature of 160°C

*Modified Azodicarbonamide (Azobisformamide)

*Foaming agents for low temperature process