

Nurcacit ADC
Blowing Agent**Technical Data Sheet**

CHEMICAL NAME: Azodicarbonamide

It is one of the most widely applied blowing agents. Frothing can be performed at normal pressure or increased pressure. It is widely used for frothing EVA, PE, natural rubber and PVC+NBR mixture etc., especially for large-mould hot press frothing and small-mould hot press frothing of EVAMD shoes material. It enables the frothed products to have an outstanding property; especially it is favorable for increasing the extensibility of goods and obtaining more outstanding aperture structure.

PRODUCT SPECIFICATIONS

Types	Dn3	Dn4	Dn6	Dn8	Dn10	Dn12	Dn15	Dn25
Appearance	Light yellow powder							
Average particle size(Dn) μm	≤3	3-4	4-6	6-8	8-10	10-13	13-16	16-25
Gas yield ml/g ≥(20℃,101325Pa)	220	220	220	220	220	220	220	220
Decomposition temp. °c ≥	200	200	200	200	200	200	200	200
Sieve residues(sieve pore 38μm) % ≤	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Heating decrement % ≤	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Purity % ≤	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
Ash Content % ≤	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
PH value	6.5-7.5	6.5-7.5	6.5-7.5	6.5-7.5	6.5-7.5	6.5-7.5	6.5-7.5	6.5-7.5

Shelf Life: 24 months under good storage conditions