

MIKROFINE[®] ADC-65

MIKROFINE[®] ADC-65 is an activated blowing agent formulation for the use in rigid vinyl and rubber compounds.

1 PRODUCT INFORMATION

Main constituent	:	Azodicarbonamide CAS Number [123-77-3] Mol. Formula C ₂ H ₄ N ₄ O ₂ Mol. wt.116
Physical form	:	Light yellow free flowing powder
Odour	:	Odourless
Solubility	:	Insoluble in water, benzene and most other solvents.
Health, safety & handling information	:	Relevant information can be found in sheet No.HPLA/MSDS/M/CBA/30

2 SPECIFIED PROPERTIES

Decomposition temperature (°C) (Open capillary tube method)	:	143 ± 3
Volatility (%w/w)	:	0.5 max.
pH (5% aqueous suspension at 25°C)	:	7.0 ± 0.5
Average particle diameter (micron)	:	5.0 - 6.0

3 SPECIAL FEATURES

MIKROFINE[®] ADC-65 is a free flowing powder and causes minimal agglomerations, and lumping problems. It is ideal for direct metering into extruder hoppers.

MIKROFINE[®] ADC-65 is a specially formulated composition wherein components are intimately bonded and give excellent performances by producing very fine cellular structure. MIKROFINE[®] ADC-65 has been specially designed for giving maximum density reductions and giving whiter foamed products with good surface finish.

4 APPLICATIONS

MIKROFINE[®] ADC-65 has been used successfully to expand rigid PVC pipes, profile, and sheets. It gives whiter cellular rigid PVC boards with better density reductions.

MIKROFINE[®] ADC-65 substantially reduces incidences of plate-out saving costly down time.

5 DOSAGE

0.5 - 4.0 PHR depending on the polymer used and the extent of expansion required.

6 PACKING

MIKROFINE[®] ADC-65 is packed in 25 Kg HDPE bags/UN approved corrugated cartons with a polythene liner inside as per customer's requirement.

The information given in this document is only a recommendation, believed to be reliable, and is given in good faith but without warranty. Our advice does not release users from the obligation of checking its validity. The user should test the product to ascertain the suitability for the intended use. Specified properties mentioned in this document are based on our historical production performance and these properties or the whole document is subject to change without any prior notice, at our sole discretion. We are under no obligation to recall earlier issued documents.

HPL Additives Limited

803, Vishal Bhawan, 95 Nehru Place
New Delhi - 110 019, INDIA.

Tel. : +91-11-2643 1522, 2642 1570

Fax : +91-11-2647 4350, 2646 0981

e-mail : hpla@hpladditives.com