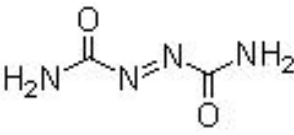


# ACTMIX ADC-50GE

## Foaming Agent ADC (AC)

A C T I V E M A T E R I A L		<b>PROPERTIES:</b> ADC is a nitrogenous organic foaming agent for various rubbers such as CR, EPDM, IIR, NBR(NBR/PVC) and SBR, especially for tiny and uniform pored products. ADC powder has a relatively high foaming temperature (200-210°C), which can be effectively reduced by addition of small amount of foaming activators. It will not promote abnormal odor of foaming products.	<b>DOSAGE:</b> 1-10phr usually.	
	Azodicarbonamide $C_2H_4N_4O_2$ M.W.: 116.08 CAS: 123-77-3 EINECS: 204-650-8	<b>APPLICATIONS:</b> Various foam rubber products.	<b>TYPICAL VALUES:</b> Melting point: 220-225°C Purity: Min 98% Ash content: Max 0.1% Mean grain size: Max 12µm 38µm sieve residue: Max 0.1%	

M A S T E R B A T C H	<b>PRODUCT</b> Active Content (%) Appearance Filtration (microns) Binder Gas Evolution (ml/g) Density (g/cm <sup>3</sup> )	50 Yellow granules - EPDM/EVM 106 1.35
	<b>SAFETY&amp;TOXICITY:</b> Please refer to related SDS.	<b>PACKAGING&amp;STORAGE:</b> Net weight 25kg/Carton lined PE bag; Net 600 kg/pallet. Shelf-life: 1 year in its original packaging on conditions of lower temperature(< 35°C) and drying(< 50% RH).

### Compared to traditional ADC powders, Actmix®ADC-50GE allows:

Dust free products with 6-8µm mean size grains of ADC, production environment improver.

Lower decomposition temperature and effective guarantee of activity of ADC due to pre-dispersed masterbatch and special formula.

Tack free products at room temperature, convenience and accuracy on ingredients.

Lower Mooney viscosity at lower temperature (50°C), higher quality of dispersion, homogeneous apertures of foam products.

Wider compatibility with other elastomers.

G: granule, P: plate, E: EPDM binder, N: NBR binder, S: SBR binder, A: ACM binder, EO: ECO binder

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from references. Therefore it is not valid legally and does not signify any guarantee to customers of successful applications of the product according to their own formulas. However, our company will offer professional services in technology at utmost to facilitate customers to achieve expected purpose of product applications.

**Note: ADC is listed in the 8th group of Substances of Very High(SVHC), pls use with care!**