YLSCH-RBB

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YLSCH ADC-75

Foaming Agent ADC (AC)

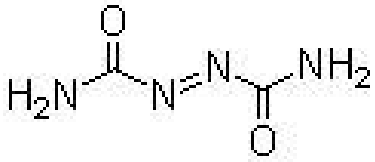
CHEMICALNAME: Azodicarbonamide

MOLECULAR FORMULA:$C_2H_4N_4O_2$

MOLECULAR WEIGHT: 116.08

CAS NO.:123-77-3

MOLECULAR STRUCTURE:



SPECIFICATIONS:

Active Content(%)	75	Carrier	SBR
Appearance	Yellow Granules	Melting Point	220-225℃ min
Gas Evolution (ml/g)	160	Ash Content	0.1% max
Density(g/Cm³)	1.35	Mean grain size	12μm max
		38μm Sieve Residue	0.1% max
Composition	Mixture of 75% Azodicarbonamide and 25% polymer and dispersing agent		

※Binder type can be customized. Except SBR, others binders, such as EPDM,NBR also can be available for.

PROPERTIES:
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℃), which can be effectively reduced by addition of small amount of foaming activators. It will not promote abnormal odor of foaming products.

ALPPLICATIONS:
Various foam rubber products.

DOSAGE:
1-10phr usually.

PACKAGING&STORAGE:
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℃) and drying(< 50% RH)

Compared to traditional ADC powders, YLSCH ADC-75 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℃), higher quality of dispersion, homogeneous apertures of foam products.
Wider compatibility with other elastomers.