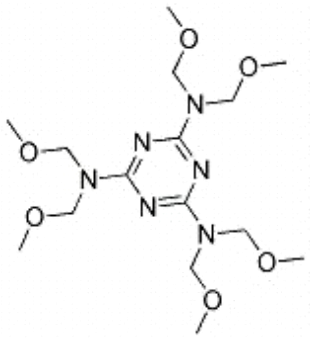
ACTMIX HMMM-50GE F140

Adhesive HMMM

ACTIVE MATERIAL



Hexamethoxy methyl melamine

$C_{15}H_{30}N_6O_6$

M.W.: 390.44

CAS: 3089-11-0

EINECS: 221-422-3

PROPERTIES:

Rubber adhesive HMMM is for bonding of rubber and framework materials due to reactions with methylene acceptor at vulcanizing temperature. It can complex react to thermosetting resin together with other adhesives such as GLR-18 resin, RE, RS, etc., but the adhesive effect will lose if reaction starts before vulcanization. Usually rubber compound composed of rubber, filler and methylene acceptor is prepared first at higher temperature, and then adhesive HMMM and other accessory ingredients are added when mixing ends soon.

DOSAGE:

3-5phr HMMM-50 with 2-5phr methylene acceptor HEXA-80

TYPICAL VALUES:

Free formaldehyde: Max 0.5%

Density in 20℃: 1.19 g/cm^3

Heating loss : Max 1.0%

MASTERBATCH

PRODUCT	Active Content (%)	Appearance	Filtration (μm)	Binder	Ash content	Density (g/cm^3)
Actmix HMMM-50GE F140	50	White semi-transparent Granules	140	EPDM/EVM	27.5	1.25

* Binder type can be customized. Except EPDM/EVM, others binders, such as NBR, SBR, AR, ECO also can be available for.

SAFETY&TOXICITY:

Please refer to related SDS.

PACKAGING&STORAGE:

Net weight 25kg/PE bags lined carton; Net 600 kg/pallet.

Shelf-life: 1 year in its original packaging

Stored in a dry and cool place.

Compared to traditional HMMM powders, Actmix HMMM-50GE F140 allows:

Effective guarantee of stability and activity of HMMM due to pre-dispersed masterbatch.

Tack free products at room temperature (50℃), convenience and accuracy on ingredients.

Lower Mooney viscosity at lower temperature, higher quality of dispersion.

Impurity free, blocked filter free of extrusive products, scrap rate reduction and higher productivity thanks to filtration.

Wider compatibility with other elastomers.

G: granule, P: plate, E: EPDM binder, N: NBR binder, S: SBR binder, A: ACM binder, EO: ECO binder, F140: filtration and micron number of filter

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