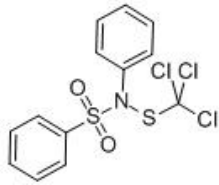


Actmix Retarder E-80GS

Environmental Retarder E

ACTIVE MATERIAL



N-Phenyl-N-(Trichloromethylsulfonyl)-Benzene Sulfonamide
 $C_{13}H_{10}Cl_3NO_2S_2$
 M.W.: 382.71
 CAS No: 2280-49-1
 EINECS No: 218-915-0

PROPERTIES:

E-80 is excellent environmental retarder for natural and synthetic rubber, suitable for EPDM, NBR and HNBR, it obviously delay the scorch time, but not affect the curing speed. Especially for thiuram vulcanization system, and can be used as the second promoting agents to reduce curing time and improve production efficiency. No pollution, not changing color can be used for light products. Meanwhile, it can improve EPDM and NBR the sulfurization cross linking density, improve stretch for stress, reduce the permanent compression deformation and have no harmful substances during curing process.

APPLICATIONS:Automotive rubber sealing system.

DOSAGE:0.5-1.5 phr. Active material is as same as DZ-01, but active content is higher more.

TYPICAL DATA:

Melting point: Min 108°C
 Purity: Min 97%
 Ash content: Max 0.5 %
 Heat loss: Max 0.5 %
 63µm sieve residue: Max 0.5 %

MASTERBATCH

Product	Active content(%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density(g/cm ³)
Actmix® Retarder E-80GS	80	Grey to Beige Granules	-	SBR	12.5	1.27

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

SAFETY&TOXICITY:

Please refer to related SDS.

PACKAGING&STORAGE:

Net weight 25kg/carton lined PE bags; Net weight 600 kg/pallet.
 Shelf-life : 1 year in its original packaging
 Stored in a dry and cool place.

Compared to traditional Retarder E powders, Actmix®Retarder E-80GS allows:

- Dust free products with a complete filtration up to 150µm, health guard of operators.
- Effective guarantee of activity of Retarder E due to pre-dispersed masterbatch.
- Tack free products at room temperature, convenience and accuracy on ingredients.
- Lower Mooney viscosity at lower temperature (50°C), 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.

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.