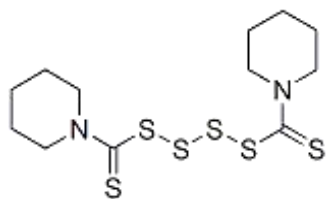


ACTMIX DPTT-70GN F140

Accelerator DPTT (TRA)

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Dipentamethylene thiuram tetrasulfide

$C_{12}H_{20}N_2S_6$

M.W.: 384.69

CAS: 971-15-3

EINECS: 213-537-2

PROPERTIES:

DPTT accelerates vulcanization rate of natural rubber and synthetic rubber and has high scorching safety. It can be combined with thiols and sulfenamides accelerators as an activator and secondary accelerator. A little of DPTT combined with thiurams accelerator can improve ageing-resistant performance of vulcanizates.

DOSAGE:

0.35-3.5phr usually.

APPLICATIONS:

Various rubber products especially heat resistant products of EPDM and IIR, such as hoses, seals and jackets,

TYPICAL VALUES:

Melting point: Min 108°C

Purity: Min 96%

Ash content: Max 0.5%

Volatile content: Max 0.3%

63µm sieve residue: Max 0.5%

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| PRODUCT | Active Content (%) | Appearance | Filtration (µm) | Binder | Sulfur Content (%) | Density (g/cm ³) |
|--|--------------------|-----------------------------------|-----------------|--------|--------------------|------------------------------|
| Actmix® DPTT-70GN F140 | 70 | White to Light-yellow Granules | 140 | NBR | 40.5 | 1.28 |
| * Binder type can be customized. Except NBR, others binders, such as EPDM/EVM, 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 DPTT powders, Actmix®DPTT-70GN F140 allows:

Dust free products with a complete filtration up to 100µm, no skin sensitization, health guard of operators.

Effective guarantee of activity of DPTT 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, F140: filtration and micron number of filter

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.

Actmix®DPTT-70GN F140

TECHNICAL DATA SHEET (TDS) version 1.3

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