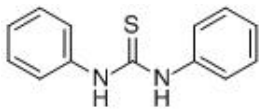


# ACTMIX DPTU-80GE F140

## Accelerator DPTU (CA)

ACTIVE MATERIAL



1,3-Diphenyl-2-thiourea  
 $C_{13}H_{12}N_2S$   
 M.W.: 228.31  
 CAS No.: 102-08-9  
 EINECS No.: 203-004-2

### PROPERTIES:

DPTU is a rapid vulcanization accelerator, sulfide critical temperature is 80°C, it is important to note that avoid scorching when mixed. DPTU has a higher activity when temperature above 100°C. The product is tenacity, have a good tensile strength and flexible, but will change color in the light.

### DOSAGE:

Usually 0.2-1.0 phr

### TYPICAL VALUES:

Melting point: Min 148°C  
 Purity: Min 98%  
 Ash content: Max 0.3 %  
 Heat loss: Max 0.3 %  
 63µm sieve residue: Max 0.5 %

MASTERBATCH

PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density (g/cm <sup>3</sup> )
<b>Actmix DPTU-80GE F140</b>	80	Grey Granules	140	EPDM/EVM	11.5	1.12
* Binder type can be customized. Except EPDM/EVM, others binders, such as NBR, SBR, AR, ECO also can be available for.						
<b>SAFETY&amp;TOXICITY:</b>						
Please refer to related SDS.						
<b>PACKAGING&amp;STORAGE:</b>						
Net weight 25kg/carton lined PE bag; Net weight 600 kg/pallet.						
Shelf-life: 1 year in its original packaging						
Stored in a dry and cool place.						

### Compared to traditional DPTU powder, Actmix DPTU-80GE F140 allows:

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

Effective guarantee of activity of DPTU-80 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.