

ACTMIX DETU-80GE F500

Accelerator DETU

A C T I V E M A T E R I A L	$\text{C}_2\text{H}_5 - \text{NH} - \underset{\text{S}}{\underset{\parallel}{\text{C}}} - \text{NH} - \text{C}_2\text{H}_5$	PROPERTIES:	APPLICATIONS:
	N,N'-Diethylthiourea C ₅ H ₁₂ N ₂ S M.W.: 132.23 CAS: 105-55-5 EINECS: 203-308-5	DETU especially suitable for CR continuous fast curing. It has promote faster effect that combined use with DETU, MBTS and DOTG, but may cause scorching, Heat aging and merchanical properties of vulcanized rubber is excellent, non-blooming.	All kinds of neoprene rubber products. Such as synchronous belt, V belt and other mold, injection molding and extrusion products.
	DOSAGE:	TYPICAL VALUES:	
	0.1-2phr usually. Can be combined used 1phr of MBTS-75 and 1pr DOTG-75.	Initial melting point: Min 72°C Purity: Min 98% Ash content: Max 0.3% Heat loss: Max 0.3% 63µm sieve residue: Max 0.5%	

M A S T E R B A T C H	PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density (g/cm ³)	
	Actmix DETU-80GE F500	80	Light yellow Granules	500	EPDM/EVM	19.0	1.00	
	* 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 weight 600kg/pallet. Shelf-life : 1 year in its original packaging Stored in a dry and cool place.								

Compared to traditional DETU powders, Actmix DETU-80GE F500 allows:

- Dust free products with a complete filtration up to 100µm, avoid bitter taste from inhalation, health guard of operators.
- Effective guarantee of activity of DETU-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, F500: 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.