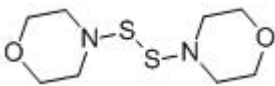


ACTMIX DTDM-80GE/C

Vulcanizator DTDM

A C T I V E M A T E R I A L		<p>PROPERTIES:</p> <p>DTDM is a free sulfur donor under normal curing conditions. Compared to sulfur, it leads to mono- and di-sulfur cross-links and imparts excellent heat ageing properties. A blooming phenomenon will not occur, which is different from TMTD. However, acid ingredient in formula will lead to premature decomposition of DTDM and lower scorch safety. It applies to rubber compounds of low compression set and excellent heat aging properties.</p>	<p>DOSAGE:</p> <p>1.0-2.0phr</p> <p>APPLICATIONS:</p> <p>Anti-reversion agent for NR products and SBR, NBR, EPDM heat aging products.</p> <p>TYPICAL VALUES:</p> <p>Melting point: 120°C Purity: Min 96% Sulfur content: 25.0-29.0% Ash content: Max 0.5% Volatile content: Max 0.5%</p>
	4,4'-Dithiodimorpholine		
	C ₈ H ₁₆ N ₂ S ₂ O ₂		
	M.W.: 236.35		
	CAS: 103-34-4		
EINECS: 203-103-0			

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® DTDM-80GE/C	80	Pink Granules	-	EPDM/EVM	21.0	1.10	
	* 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 DTDM powders, Actmix®DTDM-80GE/C allows:

- Dust free products with a complete filtration up to 100µm, no skin sensitization, health guard of operators.
- Effective guarantee of stability and activity of DTDM 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, no appearance of white-spot.
- 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.