

ACTMIX LHG-80GE F140

Exclusive and Comprehensive Accelerator for EPDM

A C T I V E M A T E R I A L	Comprehensive accelerator	PROPERTIES:		
		1. LHG-80GE has favorable dispersibility in rubber compounds, it can accelerates vulcanization rate of EPDM and avoid blooming appearance of rubber products.		
		2. LHG-80GE has no secondary amine which can form toxic nitrosamine.		
	Dithiocarbamate salts, benzothiazole, thiurams and thioureas synergistic combination of conventional accelerators	3. EPDM fast curing of non-blooming special rubber accelerator, especially suitable for the extrusion products, such as profiles and sealing strip.		
		DOSAGE:		
		Ltem	Extruded	Others
		EPDM	100 phr	100 phr
		LHG-80GE	4.0-7.0 phr	3.0-6.0phr
		Sulfur	0.8-1.5phr	0.8-1.5phr

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® LHG-80GE F140	80	Grey Granules	140	EPDM/EVM	16.5	1.23	
	SAFETY&TOXICITY:							
	Please refer to related SDS.							
	PACKAGING&STORAGE:							
	Net weight 25kg/PE bags lined carton; Net weight 600 kg/pallet.							
	Shelf-life: 1 year in its original packaging							
	Stored in a dry and cool place.							

Compared to traditional EG-3 powders, Actmix®LHG-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 the comprehensive accelerator 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, E: EPDM 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.