

# Actmix TiO<sub>2</sub>-80GE F140

## Rubber whitening TiO<sub>2</sub>

<b>A C T I V E  M A T E R I A L</b>	<b>Titanium dioxide</b>	<b>PROPERTIES:</b>	<b>DOSAGE:</b>
	<b>TiO<sub>2</sub></b>	Brighten agent Actmix®TiO <sub>2</sub> -80 is manufactured from Dupont Rutile titanium, mainly used for the white or colored rubber compound which requested high dispersion. Actmix®TiO <sub>2</sub> -80 compared with other kinds of Titanium dioxide, has a relatively stable against sunligh and UV resistance, so widely used for demanding surfaces white or colored rubber parts,.	5-10phr usually
	M.W.: 79.90	<b>Application:</b> Actmix®TiO <sub>2</sub> -80 can be used for white sidewall tires, printing blankets and rollers, textile aprons and rubber roller, copiers tape.	<b>TYPICAL VALUES:</b>
	CAS No.: 13463-67-7		Melting point: 1885℃
EINECS No.: 236-675-5		Purity: Min 96.0%	
		Heat loss: Max 0.3%	
		63µm sieve residue:Max 0.05%	

<b>M A S T E R B A T C H</b>	<b>PRODUCT</b>	Active Content (%)	Color	Filtration (µm)	Binder	Mooney ML (1+4) 50℃	Density (g/cm <sup>3</sup> )	
	<b>Actmix® TiO<sub>2</sub>-80GE F140</b>	80	white	140	EPDM/EVM	30	2.50	
	* 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 MSDS.							
<b>PACKAGING&amp;STORAGE:</b> Net weight 25kg/carton lined PE bag; Net weight 900 kg/pallet. Shelf-life: 2 year in its original packaging, Stored in a dry and cool place.								

### Compared to traditional TiO<sub>2</sub> powders, Actmix®TiO<sub>2</sub>-80GE F140 allows:

Dust free products with a complete filtration up to 63µm, no skin sensitization, health guard of operators.

Effective guarantee of activity of TiO<sub>2</sub>-80 due to pre-dispersed masterbatch.

Tack free products at room temperature, convenience and accuracy on ingredients.

Lower Mooney viscosity at lower temperature (50℃), 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.