

Actmix TiO₂-80GE F140

Rubber whitening TiO₂

A C T I V E M A T E R I A L	PROPERTIES:	DOSAGE:	
	Rutile titanium dioxide TiO ₂ M.W.: 79.87 CAS No.: 13463-67-7 EINECS No.: 215-280-1	Brighten agent TiO ₂ -80 is manufactured from Dupont Rutile titanium, mainly used for the white or colored rubber compound which requested high dispersion. Compared with other kinds of Titanium dioxide, it has a relatively stable against sunlight and UV that widely used in white or colored rubber products which have demanding surfaces, such as white tire side, printing tape, rubber covered roller, textiles aprons and photocopier tape, etc.	5-10phr usually TYPICAL VALUES: Melting point: 1840°C Purity: Min 96.0% Heat loss: Max 0.3% 63µm sieve residue:Max 0.05%

M A S T E R B A T C H	PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Ash Content (%)	Density (g/cm ³)
	Actmix® TiO₂-80GE F140	80	White Granules	140	EPDM/EVM	80.0	2.50
	* 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/carton lined PE bag; Net weight 900 kg/pallet. Shelf-life: 1 year in its original packaging, Stored in a dry and cool place.							

Compared to traditional TiO₂ powders, Actmix®TiO₂-80GE F140 allows:

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

Effective guarantee of activity of TiO₂-80 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.