

Defoaming Agent CaO

A C T I V E M A T E R I A L	PROPERTIES:	and humidity.
	Calcium oxide	APPLICATIONS:
	CaO	Extruded products (seals, tubes), conveyor belting, rollers, cable sheaths, rubber flooring, etc.
	M.W.: 56.08	TYPICAL VALUES:
	CAS: 1305-78-8	Melting point: 2570°C
	EINECS: 215-138-9	Boiling point: 2850°C
	CaO avoids spongy defect in the presence of vapor when rubber products are continuously extruded and vulcanized in the absence of pressure due to generation of calcium hydroxide when CaO absorbs vapor. Therefore it is particularly suitable for extruded rubber compounds, such as seals in car or building, which is vulcanized in hot air, fluidized bed, salt bath and microwave device. CaO is also suitable for foam products, especially micro-porous spongy rubber products due to more homogeneous foam structure.	Purity: Min 95%
	DOSAGE:	Loss on ignition (950°C, 2h): Max 3.0%
	2-10phr, depending on dosage and types of stuffing	Mean grain size: Max 12µm 38µm sieve residue: Max 0.1%

M A S T E R B A T C H	PRODUCT	Active Content (%)	Appearance	Filtration (microns)	Binder	Ash Content (%)	Density (g/cm ³)	
	Actmix® CaO-80GE F200	80	Grey-white Granules	200	EPDM/EVM	81.0	2.10	
		* 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:						
	Vacuum-aluminum foil bag package, 1kg/bag, 25bags/carton, Net Weight 750kgs per pallet.							
	Shelf-life: 6 months in its original packaging							
	Stored in a dry and cool place. Discontinue use if the granule surface expands in storage.							

Compared to traditional CaO powders, Actmix®CaO-80GE F200 allows:

- Dust free products with a complete filtration up to 45µm, environment improver, health guard of operators.
- Lower water absorption and effective guarantee of stability and activity of CaO due to pre-dispersed masterbatch.
- Tack free products at room temperature (50°C), convenience and accuracy on ingredients.
- Lower Mooney viscosity at lower temperature, 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, F200: 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.