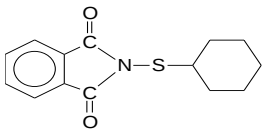
MLPC INTERNATIONAL ARKEMA GROUP

MIXLAND+®

CTPI MASTERBATCH

Pre-vulcanisation inhibitor, Nitrosamine-free

ACTIVE MATERIAL



N-Cyclohexylthio Phtalimide

$C_{14}H_{15}O_2SN$

M.W.: 261.3
CAS: 17796-82-6
EINECS: 241-774-1

PROPERTIES:

Mixland+® CTPI masterbatch is a highly effective pre-vulcanisation inhibitor of rubbers.

Mixland+® CTPI masterbatch is effective in a wide range of sulfur curable elastomers with most common accelerators: guanidines, sulfenamides, thiurams and dithiocarbamates.

Mixland+® CTPI masterbatch is the most powerful retarder, suitable for both light and dark goods.

In vulcanisation, Mixland+® CTPI masterbatch is well soluble in organic solvents and rubbers, insoluble in water.

A small addition of CTPI to rubber compounds increases their processing safety significantly, which enables a speed up of some of the technological operations during the preparation of rubber compounds. Recommended quantity is between 0.1-0.4 phr. It may cause bloom above 0.5 phr.

TYPICAL VALUES:

Melting point: 85°C
Purity: 98%
Specific gravity: 1.2

REMARKS:

Slightly colouring in white compounds
Non-staining

MASTERBATCH

PRODUCT	Active Content (%)	Colour N for Natural P for Pigment	Filtration (microns)	Binder	Mooney ML (1+4) 50° Typical Value	Density Typical Value
CTPI 80 GA F500	80	Off white (N)	500	E/AA	50	1.22

GA: Pellets on ethylene-alkyl-acrylate binder

SAFETY & TOXICITY:

For detailed information, please refer to our Material Safety Data Sheet.

PACKAGING & STORAGE:

PE bags weight : 20 kg net-CP3 pallet : 640 kg net.
Do not pile more than 2 pallets height
Shelf-life: 2 years in its original packaging
Store in a dry and cool place and away from direct sources of heat or sunlight

Compared to a traditional EVA/EP(D)M binder, MIXLAND+® masterbatch allows:

- ✓ Dust free products with a high level of filtration up to 100 µ.
- ✓ Tack free products at room temperature.
- ✓ Lower Mooney viscosity, improving quality of dispersion.
- ✓ Scrap rate reduction thanks to filtration.
- ✓ Wider compatibility with other elastomers.

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