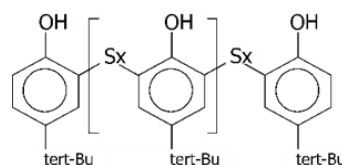


# TBP masterbatch (Sulfur donor)

- POLY-TERT-BUTYLPHENOLDISULFIDE
- Molecular Weight : Polymer
- CAS : 60303-68-6
- EINECS : -



| PRODUCT        | Active Content (%) | Colour<br>N for Natural<br>P for Pigment | Filtration<br>(µm) | Mooney ML (1+4)<br>80°C<br>Typical value | Density<br>Typical value |
|----------------|--------------------|--|--------------------|--|--------------------------|
| TBP 75 GA F100 | 75                 | Beige* (N)                               | 100                | 10                                       | 1.15                     |

GA: Granules co-polymer of acetate/acrylate & polyethylene

\* Depending on natural variation of raw material

## ACTIVE MATERIAL TYPICAL VALUES

- Softening point : 105° C

## REMARKS

Non-staining, non-discolouring  
Non-blooming  
Odourless

## PROPERTIES

Mixland+® TBP masterbatch is a general purpose sulfur donor accelerator with a medium speed cure. It is an efficient curing agent. It is suitable for NR, IR, SBR, BR, NBR and EPDM.

It can replace TMTD to switch to a nitrosamine-free curing system or OTOS, which is CMR product.

For more information, please refer to MLPC Technical Report available for NR, NBR or EPDM compound.

Mixland+® TBP masterbatch exhibits several properties:

- Is a sulfur donor (~15%), so it is able to prevent reversion
- Has no nitrogen in its formula: so fully nitrosamine free
- The phenolic function acts as a weak antioxidant
- Due to the fact it is an oligomer, TBP has tackifiant properties
- Improves co-vulcanization

## APPLICATIONS

EPDM profiles, industrial goods, tires parts, AVS...

## PACKAGING & STORAGE

Cardboard box weight : 25 kg net  
Standard CP3 pallet : 600 kg - 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.

## SAFETY & TOXICITY

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

## NITROSAMINE FREE

## MIXLAND+® MASTERBATCH ALLOWS:

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

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from the literature but shall in no event be held to constitute or imply any warranty or undertaking. No liability whatsoever can be accepted with regard to the handling, processing or use of the products concerned, which must in all cases be employed with regard to all relevant regulations and/or legislation in the country or countries concerned.

Issued 8 dated March 2020

TECHNICAL DATA SHEET

MLPC International

209, Avenue Charles Despiau – 40370 Rion des Landes - France  
Tel.: +33 (0)5 58 57 02 78 – Contact : commercial@mlpc-intl.com  
<http://www.mlpc-intl.com>

**MLPC**  
INTERNATIONAL  
ARKEMA GROUP