

# MIXLAND+<sup>®</sup>

## SM300 80 GA F140

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## SOLUTIONS FOR LIGHT COLORED COMPOUND

Many rubber applications require the use of light colored compounds. In this type of compound, even the smallest dot on the rubber part generates a non-conformity and the defect part has to be dumped as scrap.

Indeed, during sulfur curing vulcanization, if sulfur or accelerators do not get well dispersed or contain too hard particles, it will generate dots on the surface of the rubber part.

Thanks to the special MIXLAND technology, based on the alliance of an innovative continuous process and the ARKEMA's expertise in polymers, the MIXLAND range is the best solution to guarantee consistent quality for light colored rubber applications.

#### APPLICATIONS

- Coated fabrics
- Shoe sole
- Print roller
- Seals
- White sidewall

#### BENEFITS

- Higher compatibility
- Higher & faster dispersion
- Less defects on surface
- No caking hazards
- Waste reduction

#### MARKET SEGMENTS

- Industrial rubber
- Automotive
- Sport & Leisure
- Tire
- Pharmaceutical
- Cables
- Building & Construction

#### Mixland+<sup>®</sup> SM300 80GA F140

The best solution for light colored compound

While MLPC's standard sulfur masterbatch is sieved at only 120 mesh, MIXLAND+<sup>®</sup> SM300 80 GA F140 is sieved at 300 mesh, therefore particles are finer, and this grade prevents dark dots to appear on the surface of the rubber part.

In addition MIXLAND+<sup>®</sup> SM300 80 GA F140 is filtered at 140 $\mu$ , whereas MIXLAND+<sup>®</sup> SM120 is filtered at only 500 $\mu$  like most standard masterbatches on the market

→ Two advantages to achieve better quality and avoid defects on surface



## HAZARDS IDENTIFICATIONS

- Causes skin irritation



## STORAGE AND HANDLING

- Store in a dry and cool place and away from a direct source of heat or sunlight

## SAFETY RECOMMENDATION

- **Personal Protection:**
  - Protective gloves
  - Safety glasses when manipulating the product



## FIRST AID MEASURES

- **Eye contact**  
Wash well-open eyes immediately, abundantly and thoroughly with water.  
Consult an ophthalmologist
- **Ingestion**  
Call a physician immediately. Do not induce vomiting without medical advice. Rinse mouth



## MAIN PROPERTIES

Chemical Formula	<b>S(n)</b>
Molar mass	<b>32</b>
Appearance	<b>Yellow polymerbound granules</b>
Density	<b>1.6</b>
Melting Point	<b>119</b>

## SHELF LIFE

- 24 months