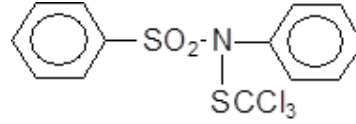


PBS-R masterbatch (Retarder)

- **N-PHENYL-N (TRICHLOROMETHYLSULFENYL)-BENZENESULFONAMIDE**
- **Molecular Weight** : 382.5
- **CAS** : 2280-49-1
- **EINECS** : 218-915-0

C₁₃H₁₀S₂O₂NCl₃



PRODUCT	Active Content (%)	Color N for Natural P for Pigment	Filtration (µm)	Mooney ML (1+4) 80°C Typical value	Density Typical value
PBS-R 80 GA F500	80	Pale Pink* (P)	500	25	1.39

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

* Depending on natural variation of PBS-R

ACTIVE MATERIAL TYPICAL VALUES

- Melting point : 110 °C
- Purity : 93.0%

REMARKS

- Non-staining
- Non-discoloring

PROPERTIES

Mixland+[®] PBS-R masterbatch is firstly a powerful retarder in sulfur vulcanization for all unsaturated rubber.

It can also be used as a secondary accelerator in nitrosamine-free systems as it does not form carcinogenic nitrosamines during vulcanization.

In this case, Mixland+[®] PBS-R masterbatch improves compression set and increases modulus because it increases slightly cross linking density.

It also improves scorch time at processing temperature.

It delays the onset of cure but also the final curing time.

APPLICATIONS

Moulded and extruded articles, etc...

PACKAGING & STORAGE

- PE bags weight : 20 kg net
 - Standard CP3 pallet : 640 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

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TECHNICAL DATA SHEET

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ARKEMA

DISCLAIMER FOR MEDICAL DEVICE POLICY

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Arkema general Medical Devices Policy

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