



PELLETS & SLABS

POLYMER-BOUND MASTERBATCHES

A TECHNOLOGY PATENTED BY ARKEMA/MLPC

| POLYMER-BOUND | CHEMICAL NAMES |   | COLOUR | CAS |
|---------------------------------------|---|--|------------------------|-------------|
| ACCELERATOR | | | | |
| CBS 80 GA F140 | ① N-CYCLOHEXYLBENZOTHIAZOLE-2-SULFENAMIDE | ✓ | (P) Blue | 95-33-0 |
| DOTG 75 GA F140 | ② DIORTHOTOLYL GUANIDINE | ✓ | (P) Dark grey | 97-39-2 |
| DPG 80 GA F140 | ② DIPHENYL GUANIDINE | ✓ | (P) Mauve | 102-06-7 |
| DPTT 75 GA F140 | ① DIPENTAMETHYLENE THIURAM HEXASULFIDE | | (N) Beige | 971-15-3 |
| MBT 80 GA F140 | ① 2-MERCAPTOBENZOTHIAZOLE | ✓ | (P) Light brown | 149-30-4 |
| MBTS 70 GA F140 | ① MERCAPTOBENZOTHIAZOLE DISULFIDE | ✓ | (P) Light green | 120-78-5 |
| MBT 75 BA F140 | ② 2-MERCAPTOBENZOTHIAZOLE | ✓ | (P) Light brown | 149-30-4 |
| MBTS 75 GA F140 | ① MERCAPTOBENZOTHIAZOLE DISULFIDE | ✓ | (P) Light green | 120-78-5 |
| MBTS 75 BA F140 | ② MERCAPTOBENZOTHIAZOLE DISULFIDE | ✓ | (P) Light green | 120-78-5 |
| OTOS 75 GA F200 | ① N-OXYDIETHYLENETHIOCARBAMYL-N'-OXYDIETHYLENESULFENAMIDE | | (N) White to greyish | 13752-51-7 |
| TBBS 75 GA F200 | ① (N-TERT-BUTYL-2-BENZOTHIAZOLE SULFENAMIDE) | ✓ | (N) Beige | 95-31-8 |
| TBzTD 70 GA F140 | ① TETRABENZYL THIURAM DISULFIDE | ✓ | (N) Beige | 10591-85-2 |
| TDEC 75 GA F140 (*) | ① TELLURIUM DIETHYL DITHIOCARBAMATE | | (N) Orange | 20941-65-5 |
| TMTD 80 GA F140 | ① TETRAMETHYL THIURAM DISULFIDE | | (P) Light orange | 137-26-8 |
| TMTM 80 GA F500 | ① TETRAMETHYL THIURAM MONOSULFIDE | | (N) Yellow | 97-74-5 |
| ZBEC 70 GA F100 | ① ZINC DIBENZYL DITHIOCARBAMATE | ✓ | (N) White to greyish | 14726-36-4 |
| ZBEC 75 BA F140 | ② ZINC DIBENZYL DITHIOCARBAMATE | ✓ | (N) White to greyish | 14726-36-4 |
| ZBOP 50 GA F500 | ① ZINC OCTYL DITHIOPHOSPHATE | ✓ | (N) Beige to grey | 68-442-22-8 |
| ZDBC 75 GA F140 | ① ZINC DIBUTYL DITHIOCARBAMATE | | (N) White to greyish | 136-23-2 |
| ZDEC 75 GA F140 | ① ZINC DIETHYL DITHIOCARBAMATE | | (N) White to greyish | 14324-55-1 |
| ZDMC 75 GE F500 (**)(**) | ② ZINC DIMETHYL DITHIOCARBAMATE | | (N) White to beige | 137-30-4 |
| ZDTP 50 GA F500 | ① ZINC ALKYL DITHIOPHOSPHATE | ✓ | (N) White grey | - |
| ZDTP 50 BA F500 | ② ZINC ALKYL DITHIOPHOSPHATE | ✓ | (N) White grey | - |
| VULCANIZING AGENT | | | | |
| DETU 80 GA | ② DIETHYL THIOUREA | ✓ | (N) White | 105-55-5 |
| ETU 80 GA F140 | ① ETHYLENE THIOUREA | ✓ | (N) White | 96-45-7 |
| ETU 80 GA F500 | ① ETHYLENE THIOUREA | ✓ | (N) White | 96-45-7 |
| SD 75 GA F250 | ① BIS DIMERCAPTOTHIAZOLE | ✓ | (N) Yellow | 72676-55-2 |
| S 80 GA F500 (Mesh 120) | ① SULFUR | ✓ | (N) Yellow | 7704-34-9 |
| S 80 BA F500 (*) (Mesh 120) | ② SULFUR | ✓ | (N) Yellow | 7704-34-9 |
| S M300 80 GA F140 (Mesh 300-finer) | ① SULFUR | ✓ | (N) Yellow | 7704-34-9 |
| S M300 75 BA F140 (Mesh 300-finer) | ② SULFUR | ✓ | (N) Yellow | 7704-34-9 |
| ZnO 80 GA F140 | ② ZINC OXIDE | ✓ | (N) White to yellowish | 1314-13-2 |
| SULFUR DONOR | | | | |
| DPTT 75 GA F140 | ① DIPENTAMETHYLENE THIURAM HEXASULFIDE | | (N) Beige | 971-15-3 |
| DTDM 80 GA F200 | ① DITHIODIMORPHOLINE | | (N) White to beige | 103-34-4 |
| TBP 75 GA F100 | ① POLY-TERT-BUTYLPHENOLDISULFIDE | ✓ | (N) Beige | 60303-68-6 |
| TBzTD 70 GA F140 | ① TETRABENZYL THIURAM DISULFIDE | ✓ | (N) Beige | 10591-85-2 |
| TMTD 80 GA F140 | ① TETRAMETHYL THIURAM DISULFIDE | | (P) Light orange | 137-26-8 |
| ZBOP 50 GA F500 | ① ZINC OCTYL DITHIOPHOSPHATE | ✓ | (N) Beige to grey | 68-442-22-8 |
| ZDTP 50 GA F500 | ① ZINC ALKYL DITHIOPHOSPHATE | ✓ | (N) White grey | - |
| ZDTP 50 BA F500 | ② ZINC ALKYL DITHIOPHOSPHATE | ✓ | (N) White grey | - |

PELLETS & SLABS

POLYMER-BOUND MASTERBATCHES

A TECHNOLOGY PATENTED BY ARKEMA/MLPC

| POLYMER-BOUND | CHEMICAL NAMES | NA FREE | NA SAFE | COLOUR | CAS |
|----------------------------------|---|---------|---------|------------------|------------|
| RETARDER | | | | | |
| CTPI 80 GA F500 (*) | ① N-CYCLOHEXYLTHIO PHTALIMIDE | ✓ | | (N) Off white | 17796-82-6 |
| PBS-R 80 GA F500 | ① N-PHENYL-N (TRICHLOROMETHYLSULFENYL)-BENZENESULFONAMIDE | ✓ | | (P) Pale pink | 2280-49-1 |
| MBTS 75 GA F140 for CR compound | ① MERCAPTOBENZOTHAZOLE DISULFIDE | ✓ | | (P) Light green | 120-78-5 |
| TMTD 80 GA F140 for CR compound | ① TETRAMETHYL THIURAM DISULFIDE | | | (P) Light orange | 137-26-8 |
| ADHESION PROMOTER | | | | | |
| HMT 80 GA F500 | ① HEXAMETHYLENE-TETRAMINE | ✓ | | (N) White | 100-97-0 |
| ANTIOXYDANT / ANTIOZONANT | | | | | |
| MMBI 70 GA F200 | ① (4 / 5)-METHYL-2-MERCAPTOBENZIMIDAZOLE | ✓ | | (N) Beige | 53988-10-6 |
| NDBC 75 GA F200 (*) | ① NICKEL DIBUTYL DITHIOCARBAMATE | | | (N) Dark green | 13927-77-0 |
| SILANIZATION PROMOTER | | | | | |
| DPG 80 GA F140 | ② DIPHENYL GUANIDINE | ✓ | | (P) Mauve | 102-06-7 |

(*) Available **only** on request

(N) for Natural

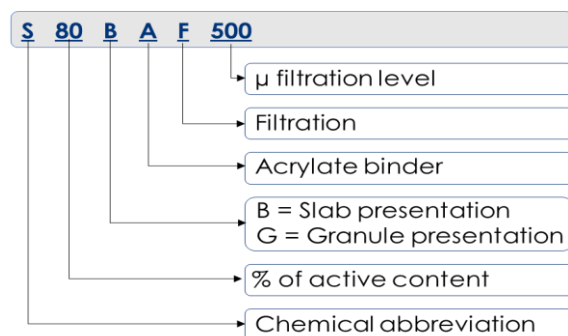
(**) EPDM / EVA binder

(P) for Pigment

PACKAGING

- ① 20 kg net PE bags, 640 kg net CP3 pallets (1140x1140)
- ② 25 kg net cardboard box, 600 kg net CP3 pallets (1140x1140)
- ③ 20 kg net cardboard box, 480 kg net CP3 pallets (1140x1140)

DEFINITION OF THE PRODUCT CODIFICATION:



EXTRA BENEFITS

Cost saving allowed by a higher chemical efficiency:

- ✓ Scrap rates reduction thanks to the high level of filtration
- ✓ Faster dispersion
- ✓ Ease of handling
- ✓ Better chemical stability
- ✓ High quality consistency
- ✓ Wider elastomers compatibility