



# PELLETS & SLABS

## POLYMER-BOUND MASTERBATCHES

A TECHNOLOGY PATENTED BY ARKEMA/MLPC

POLYMER-BOUND	CHEMICAL NAMES	 	COLOUR	CAS
<b>ACCELERATOR</b>				
CBS 80 GA F140	① N-CYCLOHEXYLBENZOTHIAZOLE-2-SULFENAMIDE	✓	(P) Blue to bluish	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) White to yellowish	971-15-3
DPTT 75 BA F140	② DIPENTAMETHYLENE THIURAM HEXASULFIDE		(N) White to yellowish	971-15-3
MBT 80 GA F140	① 2-MERCAPTOBENZOTHIAZOLE	✓	(P) Light brown	149-30-4
MBT 75 BA F140	② 2-MERCAPTOBENZOTHIAZOLE	✓	(P) Light brown	149-30-4
MBTS 70 GA F140	① MERCAPTOBENZOTHIAZOLE DISULFIDE	✓	(P) Light green	120-78-5
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) White to grey	68442-22-8
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 to grey	-
ZDTP 50 BA F500	② ZINC ALKYL DITHIOPHOSPHATE	✓	(N) White to grey	-
<b>VULCANIZING AGENT</b>				
DETU 80 GA	② DIETHYL THIOUREA	✓	(N) Off white	105-55-5
ETU 80 GA F140	① ETHYLENE THIOUREA	✓	(N) Off White	96-45-7
ETU 80 GA F500	① ETHYLENE THIOUREA	✓	(N) Off 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 to yellowish	7704-34-9
S 80 BA F500 (*) (Mesh 120)	② SULFUR	✓	(N) Yellow to yellowish	7704-34-9
S M300 80 GA F140 (Mesh 300-finer)	① SULFUR	✓	(N) Yellow to yellowish	7704-34-9
S M300 75 BA F140 (Mesh 300-finer)	② SULFUR	✓	(N) Yellow to yellowish	7704-34-9
ZnO 80 GA F140	② ZINC OXIDE	✓	(N) White to yellowish	1314-13-2
<b>SULFUR DONOR</b>				
DPTT 75 GA F140	① DIPENTAMETHYLENE THIURAM HEXASULFIDE		(N) Beige	971-15-3
DPTT 75 BA F140	② DIPENTAMETHYLENE THIURAM HEXASULFIDE		(N) White to yellowish	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	68442-22-8
ZDTP 50 GA F500	① ZINC ALKYL DITHIOPHOSPHATE	✓	(N) White grey	-
ZDTP 50 BA F500	② ZINC ALKYL DITHIOPHOSPHATE	✓	(N) White grey	-

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## POLYMER-BOUND MASTERBATCHES

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POLYMER-BOUND	CHEMICAL NAMES	NA FREE	NA SAFE	COLOUR	CAS
<b>RETARDER</b>					
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
<b>ADHESION PROMOTER</b>					
HMT 80 GA F500	① HEXAMETHYLENE-TETRAMINE	✓		(N) Off white	100-97-0
<b>ANTIOXYDANT / ANTIOZONANT</b>					
MMBI 70 GA F200	① (4 / 5)-METHYL-2-MERCAPTOBENZIMIDAZOLE	✓		(N) Greyish	53988-10-6
NDBC 75 GA F200 (*)	① NICKEL DIBUTYL DITHIOCARBAMATE			(N) Dark green	13927-77-0
<b>SILANIZATION PROMOTER</b>					
DPG 80 GA F140	② DIPHENYL GUANIDINE	✓		(P) Mauve	102-06-7

(\*) Available **only** on request

(N) for Natural

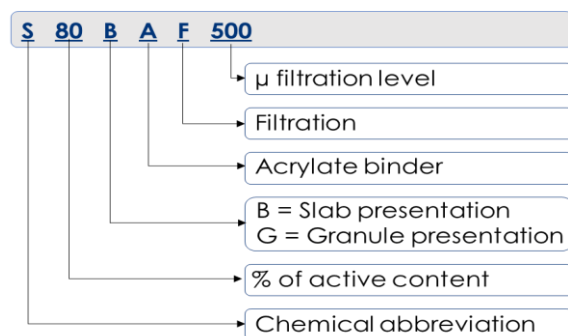
(\*\*) EPDM / EVA binder

(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