







MLPC International continues to develop and offer safer solutions of vulcanization system to customers through its own R&D

<b>EKALAND</b> BY ARKEMA		CHEMICAL NAME	 	CAN REPLACE	USED WITH
BQD 30 DS (*)	PARABENZOQUINONE-DIOXIME		✓		XIIR, NR
BQD HU (*)	PARABENZOQUINONE-DIOXIME		✓		XIIR, NR
DATU LI (*)	BLEND OF DIALKYL THIOUREAS		✓		CR
DBTU CRA	DIBUTYL THIOUREA		✓		NR, SBR, NBR, IR, BR, CR
DETU CR	DIETHYL THIOUREA		✓		CR, NR, SBR, NBR, EPDM
DMTU CR (*)	DIMETHYL THIOUREA		✓		CR
DOTG C	DIORTHOTOLYL GUANIDINE		✓		CR, NR, SBR
DPG PD /C/ GC	DIPHENYL GUANIDINE		✓		NR, SBR, BR, CR, NBR
DPTU PD	DIPHENYL THIOUREA		✓		NR, SBR, NBR, EPDM
ETU C	ETHYLENE THIOUREA		✓	ETU (in EPDM compounds)	CR, CSM, CO, EPDM
PPDN 30 DX/30 NDX/35 HU	POLY-PARADINITROBENZENE		✓	TDEC in EPDM	for adhesion systems
SD C (*)	BIS DIMERCAPTOTHIAZOLE		✓	ETU	CR, EPDM, NR, NBR, SBR
TBZTD C/PD	TETRABENZYL THURAM DISULFIDE		✓	TMTD, TMTM	CR, NR, IR, BR, SBR, NBR, EPDM
ZBEC C/PD (*)	ZINC DIBENZYL DITHIOCARBAMATE		✓	ZDMC, ZDEC, ZDBC	NR, SBR, NBR, IR, BR, CR, EPDM

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

<b>VULTAC</b> BY ARKEMA		CHEMICAL NAME	 	CAN REPLACE	USED WITH
VULTAC 2	PARA TERTIOAMYLPHENOL DISULFIDE POLYMER		✓	DTDM, TMTD, OTOS	NR, SBR, NBR
VULTAC 3	PARA TERTIOAMYLPHENOL DISULFIDE POLYMER		✓	Phenolic resins	BIIR, CIIR, EXXPRO in pharma
VULTAC 5	MIXTURE OF PARA TERTIOAMYLPHENOL DISULFIDE POLYMER WITH SILICAGEL		✓	DTDM, TMTD, OTOS	NR, SBR, NBR, CIIR, BIIR
VULTAC 710	MIXTURE OF PARA TERTIOAMYLPHENOL DISULFIDE POLYMER WITH STEARIC ACID		✓	Phenolic resins	BIIR, CIIR, EXXPRO in pharma
VULTAC TB7	PARA TERTIOBUTYLPHENOL DISULFIDE POLYMER		✓	DTDM, TMTD, OTOS, 6PPD	NR, SBR, NBR, BIIR, CIIR
VULTAC TB710	MIXTURE OF PARA TERTIOBUTYLPHENOL DISULFIDE POLYMER WITH STEARIC ACID		✓	DTDM, TMTD, OTOS	NR, SBR, NBR, BIIR, CIIR

<b>MIXLAND+</b> BY ARKEMA <b>MIXLAND</b> NEWGEN BY ARKEMA		CHEMICAL NAME	 	CAN REPLACE	USED WITH
CBS	N-CYCLOHEXYLBENZOTHIAZOLE-2-SULFENAMIDE		✓	MBS, DCBS, TBBS	NR, IR, BR, SBR, NBR, IIR, EPDM
CTPI (*)	N-CYCLOHEXYLTHIO PHTALIMIDE		✓		NR, SBR, NBR, IR, BR, CR, EPDM
DETU	DIETHYL THIOUREA		✓		CR, NR, SBR, NBR, EPDM
DOTG	DIORTHOTOLYL GUANIDINE		✓		CR, NR, SBR, ACM
DPG	DIPHENYL GUANIDINE		✓		NR, SBR, BR, CR, NBR
ETU	ETHYLENE THIOUREA		✓		CR, CSM, CO, EPDM
HMT	HEXAMETHYLENE-TETRAMINE		✓		CR, EPDM, SBR, BR, NBR
MBT	2-MERCAPTOBENZOTHIAZOLE		✓	MBS, TBBS	NR, IR, BR, SBR, NBR, IIR, EPDM
MBTS	MERCAPTOBENZOTHIAZOLE DISULFIDE		✓	MBS, TBBS	NR, IR, SBR, BR, NBR, EPDM, CR
MMBI	(4 / 5)-METHYL-2-MERCAPTOBENZIMIDAZOLE		✓		NR, IR, BR, SBR, NBR
PBS-R	N-PHENYL-N (TRICHLOROMETHYLSULFENYL)-BENZENESULFONAMIDE		✓		NR, SBR, EPDM, BR, IR, NBR
SOUFRE	SULFUR		✓		NR, SBR, EPDM, BR, IR, NBR, CR
SD	BIS DIMERCAPTOTHIAZOLE		✓	ETU	CR, EPDM, NR, NBR, SBR
TBBS	N-TERT-BUTYL-2-BENZOTHIAZOLE SULFENAMIDE		✓	MBS	NR, IR, SBR, BR, NBR, EPDM
TBP75	POLY-TERT-BUTYLPHENOLDISULFIDE		✓	TMTD , sulfur donors, OTOS	NR, IR, SBR, NBR, EPDM
TBZTD	TETRABENZYL THURAM DISULFIDE		✓	TMTD, TMTM	NR, IR, BR, SBR, NBR, EPDM
ZBEC	ZINC DIBENZYL DITHIOCARBAMATE		✓	ZDMC, ZDBC, ZDEC	NR, SBR, NBR, IR, BR, CR, EPDM
ZBOP	ZINC OCTYL DITHIOPHOSPHATE		✓		NR, SBR, NBR, IR, BR, EPDM
ZDTP	ZINC ALKYL DITHIOPHOSPHATE		✓	Dithiocarbamates+sulfur donors	NR, SBR, NBR, IR, BR, EPDM
ZnO	ZINC OXIDE		✓		Various rubbers

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