





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

EKALAND™	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 THIURAM 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 on request

VULTAC® 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	NR, SBR, NBR, BIIR, CIIR
VULTAC TB710	MIXTURE OF PARA TERTIOBUTYLPHENOL DISULFIDE POLYMER WITH STEARIC ACID	✓	DTDM, TMTD, OTOS	NR, SBR, NBR, BIIR, CIIR
ROSINOX	PARA TERTIOBUTYLPHENOL DISULFIDE POLYMER	✓		Rosin dismutation

MIXLAND+® MIXLAND® NEWGEN	CHEMICAL NAME	 	CAN REPLACE	USED WITH
CBS	N-CYCLOHEXYLBENZOTHIAZOLE-2-SULFENAMIDE	✓	MBS, DIBS, TBBS	NR, IR, BR, SBR, NBR, IIR, EPDM
CTPI (*)	N-CYCLOHEXYLTHIO PHTALIMIDE	✓		NR, SBR, NBR, IR, BR, CR, 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-MERCAPTODIBENZOTHIAZOLE	✓	MBS, CBBS	NR, IR, BR, SBR, NBR, IIR, EPDM
MBTS	MERCAPTODIBENZOTHIAZOLE DISULFIDE	✓	MBS, CBBS	NR, IR, SBR, BR, NBR, EPDM, CR
MMBI	(4 / 5)-METHYL-2-MERCAPTODIBENZIMIDAZOLE	✓		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 THIURAM DISULFIDE	✓	TMTD, TMTM	NR, IR, BR, SBR, NBR, EPDM
ZBEC	ZINC DIBENZYL DITHIOCARBAMATE	✓	ZDMC, ZDBC, ZDEC	NR, SBR, NBR, IR, BR, CR, EPDM
ZDTP	ZINC ALKYL DITHIOPHOSPHATE	✓	Dithiocarbamates+sulfur donors	NR, SBR, NBR, IR, BR, EPDM
ZnO	ZINC OXIDE	✓		Various rubbers

(*) Available on request