

Product	Chemical Name	Physical Form	Sp Gr @ 25° C	Melting Point	Standard Packing	Function	Scorch delay	Speed of cure at 140-150° C	Heat Ageing	Modulus of Vulcanisates	Colour of Vulcanisates	Applications
Thiazoles												
CURA4 MBT	2-Mercaptobenzothiazole	Powder / Oiled Powder	1.5	175 (min)	25 kgs Paper Sacks	Medium Fast Primary Accelerator	Moderate	Medium	Very Good	Low	Good	Can be used in all Elastomers curable by Sulphur. Often used with Secondary Accelerators. Given flat curing properties in conventional vulcanization systems
CURA4 MBTS	Dibenzothiazyl Disulphide	Oiled Powder	1.54	168 (min)	25 kgs Paper Sacks	Medium Fast Primary Accelerator	Moderate	Medium	Very Good	Low	Good	Curing Properties similar to CURA4 MBT. Offers better scorching than CURA4 MBT.
Sulfenamides												
CURA4 CBS	N-Cyclohexyl-2-Benzothiazole Sulfenamide	Oiled Powder / Pellet	1.3	98 (min)	25 kgs Paper Sacks	Fast curing delayed action Primary Accelerator	Good	Fast	Good	High	Good	Often used with Secondary accelerators. Gives reasonable plateau effect in rubber. Used majorly in tyres, treads, beltings & hoses which contain reinforcing Blacks.
CURA4 TBBS	N-Tertiary Butyl-2-Benzo thiazole Sulphenamide	Oiled Powder / Pellet	1.29	104 (min)	25 kgs Paper Sacks	Fast curing delayed action Primary Accelerator	Good	Fast	Good	High	Good	Used majorly in tyres, treads, beltings & hoses which contain reinforcing Blacks. Often boosted with Secondary accelerators. Provides reasonable plateau effect in rubber.
Thiurams												
CURA4 TMTD	Tetramethyl Thiuram Disulphide	Powder / Oiled Powder / Pellets	1.43	137 (min)	25 kgs Paper Sacks	Fast accelerator, used as vulcanising agent and boosters as well.	Very poor	Very fast	Very good	High	Good	Widely used as boosters for Thiazoles & Sulfenamides. Also used as vulcanising agent in EV systems. Gives excellent heat ageing properties. Also used in Latex.
Blended												
CURA4 F	Activated Thiazole	Powder	1.46	140 (min)	25 kgs Paper Sacks	Medium Fast Primary Accelerator	Moderate	Very Fast	Fast	Moderate	Moderate	Used majorly in Footwears. Also used in Ebonites, Moulded Rubber Goods & Cycle tyres. Can be boosted by use of CURA4 TMTD to speed up cure rate.
Guandine												
CURA4 DPG	N,N'-Diphenyl guanidine	Oiled Powder / Granules	1.19	144 (min)	25 kgs Paper Sacks	Medium Speed Accelerator	Moderate	Fast	Good	Moderate	Good	Is a important booster for thiazoles. Is used as a single accelerator in Ebonites and in combination with CURA4 TMT is used in Polychloroprenes. Widely used in latex as foam stabilizer in the sodium silicofluoride gelled latex foam process.