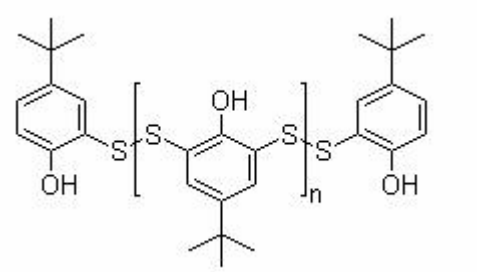
■ POLYMER ADDITIVES

TB7

VULCANIZATION AGENT

CHEMICAL COMPONENT

COMPONENT	Poly-tert-butylphenol disulfide; 4-(1,1-Dimethylethyl)phenol polymer with sulfur chloride
CAS	60303-68-6
Formula	(C10H14O)x.(Cl2S2)y
Molecular	

SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		YELLOW TO LIGHT BROWN GRANULAR
SOFTENING POINT	℃	95.00-115.00
SULFUR CONTENT	%	29.50-31.50

FEATURE AND APPLICATION

*JADEWIN TB7 is sulfur donors, as vulcanization agent in automobile tires
*JADEWIN TB7 offers high elastomer solubility by forming monosulphide bridges which are more stable and have very good resistance to heat and ageing when compared with typical polysulfide bridges. It could also increase the tensile strength and elongation
*JADEWIN TB7 can be used as either complete or partial replacements for sulfur and DTDM sulfur donors in EV and semi-EV type cure systems.
*Because of its phenolic structure ,JADEWIN TB7 also acts as antioxidant
*When JADEWIN TB7 as vulcanization agent used in tire industry, it could increase the vulcanizing temperature upto 185-190 degree of Celsius, increase vulcanizing efficiency by 30-40%
-JADEWIN TB7 is especially good in curing rubber that contains chlorine such as chlorobutyl and polychloroprene.

-JADEWIN TB7 offer high elastomer solubility and can be used with most typical rubber accelerators and sulfur.When used as a partial replacement for sulfur, JADEWIN TB7 tends to improve dispersion of other additives in the rubber.

*JADEWIN TB7 does not produce nitrosamines like many of the other sulfur donors such as DTDM and the thiurams, so it is more environmental friendly and labor security.

PACKING

25KG DRUM 25KG BAG

STORAGE

Keep container tightly closed and dry and storage in cool place