

Technical Data Sheet



荣欣鑫橡胶助剂

RONGXIN XIN RUBBER ADDITIVES

Rubber vulcanization accelerator ZDTP

Chemical Name: Zinc dialkyldithiophosphate

Molecular Formula: $C_{24}H_{52}O_4S_4P_2Zn$

Molecular Weight: 660.25

CAS NO.: 68649-42-3

Specification:

Item	Liquid	70% granular or silica
Appearance	Clear liquid	White powder or granular
Odor	No odor	No odor
Purity, %		68.5-71.5
Sulfur, %	14.0-18.0	
Zinc, %	8.5-10.0	
Phosphorous, %	7.2-8.5	5.0-6.0
Insoluble in methanol, %		28.5-31.5
PH	5.5-7.5	
Specific gravity at 15.6℃	1.06-1.15	1.21-1.31

Application: ZDTP is a fast curing secondary accelerator for NR and EPDM. When used in NR to improve reversion resistance, care must be taken to select the level of ZDTP to obtain the best compromise between scorch and reversion resistance. Since ZDTP is non-blooming and non-discoloring. It can be used in translucent, fast curing NR shoe sole compounding. Packaging: 25kg plastic woven bag, paper with plastic bag, 20/200kg drum.

Storage: The product should be stored in the dry and cooling place with good ventilation, temperature of less than 50℃, avoiding exposure of the packaged product to direct sunlight. The validity is 1 year.

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