

Technical Data Sheet

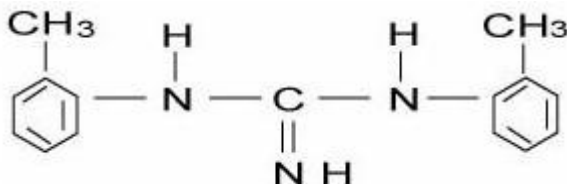


荣欣鑫橡胶助剂

RONGXIN XIN RUBBER ADDITIVES

Rubber Accelerator DOTG

Chemical Name: Diorthotolyl guanidine
structure:



Molecular Formula: C₁₅H₁₇N₃

Molecular Weight: 239.32

CAS NO: 97-39-2

Specification:

Item	Powder	Oiled powder	Granule
Appearance	Gray-white powder(granule)		
Initial M.P. °C≥	170.0	170.0	170.0
Loss on drying % ≤	0.30	0.50	0.30
Ash % ≤	0.30	0.30	0.30
Residue on 150µm sieve % ≤	0.10	0.10	
Residue on 63µm sieve % ≤	0.50	0.50	
Additive %		0.1-2.0	
Granule Diameter mm			1.50

Properties: Gray-white powder (granule). Little bitter, no osmyl. Density is 1.01-1.02. Soluble in chloroform, acetone, alcohol, slightly soluble in benzene, insoluble in water and gasoline

Application: Suitable in NR, SNR, IIR, IR, SBR, NBR and CR. Seldom use alone, commonly with thiazoles, thiurams, dithiocarbamates and sulphenamides to promote its activity. Its critical temperature is 141 °C. This product is a plastic-decomposing agent in CR. However, this product is not suitable for food-related products or medical products

Packaging: 25kg plastic woven bag, paper with plastic film bag, kraft paper bag

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

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