

橡胶硫化促进剂 RUBBER ACCELERATOR

WILLING DPG(D)

化学名称

二苯胍

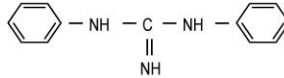
Chemical Name

Diphenyl guanidine

分子式/Molecular Formula

C₁₃H₁₃N₃

结构式/Molecular Structure



分子量/Molecular Weight

211.27

CAS 编号/CAS NO.

102-06-7

技术指标 /Specifications

项目 / Item	粉料 / Powder	加油粉料 / Oiled Powder	颗粒 / Granule
外观(目测) / Appearance	灰白色粉末(颗粒) / Gray-white powder(Granule)		
初熔点 / Initial Melting Point, °C ≥	145.0	145.0	145.0
加热减量 / Loss on Drying, %, ≤	0.30	0.40	0.30
灰分 / Ash, %	0.30	0.40	0.30
筛余物 / Residue on 150 μ m Sieve, %, ≤	0.10	0.10	\
筛余物 / Residue on 63 μ m Sieve, %, ≤	0.50	0.50	\
添加剂 / Additive, %	\	0.0-2.0	\
粒径 / Granule Diameter, mm	\	\	1.50

性状 Properties 本品为灰白色粉末(颗粒)。无味, 无毒。密度 1.08-1.19。易溶于丙酮、乙酸乙酯, 溶于苯、乙醇, 微溶于四氯化碳, 不溶于水和汽油。

Grayish-white powder (granule). No taste, no poison. Density is 1.08-1.19. Soluble in acetone, ethyl acetate, alcohol, lightly soluble in CCl₄, insoluble in water and gasoline.

用途 Applications 通用于天然胶与合成胶。不适用于乳胶。主要用于制造轮胎、胶板、胶鞋等橡胶工业制品。

Used as a secondary accelerator with thiazoles and sulphenamides in NR and SBR compounds. Exhibits better storage stability compared to thiuram and dithiocarbamates but is not so active. WILLING DPG can be used in latex as secondary gelling agent (foam stabilizer) in the silico-flouride foam process.

包装 Package 25kg 塑编袋、纸塑复合袋、牛皮纸袋。
25kg plastic woven bag, paper with plastic film bag, kraft paper bag.

贮存 Storage 应储存在阴凉干燥、通风良好的地方。包装好的产品应避免阳光直射, 有效期2年。
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 2 years.

说明 Notes 本产品可以根据客户要求做超细粉末。
The product could be ultrafine powder based on customer accurate requirement.