

YLSCH-RBB® Vulcanizing agent PDM(HVA-2)

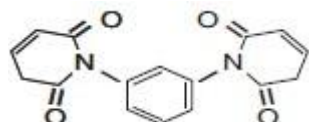
CHEMICAL NAME:N,N'-m-phenylene bismaleime

MOLECULAR FORMULA: C₁₄H₈N₂O₄

MOLECULAR WEIGHT:268.2

CAS No.: 3006-93-7

STRUCTURAL FORMULA:



QUALITY STANDARD:

Item	powder	Oiled Powder
Appearance	Yellow or brown powder	
Initial Melting Point°C ≥	198.0	198.0
Loss on Drying% ≤	0.50	0.50
Ash% ≤	0.50	0.50
Residue on 150 μ m Sieve,% ≤	0.10	0.10
Oil content,%	----	1.0~2.0
Strength	----	----
Physical property		
Density at 20°C (kg/m) ³	950	950

PROPERTIES:

Yellow or brown powder, soluble in THF and 1.44 share of hot acetone, insoluble in petroleum ether, chloroform, benzene and water, melting point 195°C or more.

Applications:

PDM as a function of rubber chemicals in rubber processing for the curing agent can also help the system can be used for peroxide curing agent, also can be used as anti-scorching agent and tackifier, both for general-purpose rubber, also applies to special rubber and rubber and use system. In natural rubber, and sulfur coordination to prevent reversion to improve the heat resistance, reduce heat, anti-aging, improve adhesion of the rubber and tire cord and the vulcanized rubber modulus. Shoulder for load tire rubber, rubber buffer layer, solve the problem of bias truck tire shoulder separation can also be used for large-size thick natural rubber products and various rubber sundries. PDM can be used as auxiliary curing agent, can significantly improve the correlation performance, increase heat resistance, suitable for high temperature curing system, reducing the compression is very obvious, but also reduce the amount of peroxide, preventing the processing of rubber in the focus burning, improve tire cord and rubber and metal bond strength. PDM is a non-sulfur vulcanizing agent for rubber cable, it can replace thiazoles, thiuram and all sulfur vulcanizing agent, solution of copper wire and copper electrical generation due to exposure to sulfur vulcanizing agent black copper sulfide contamination problems. As scorch agent for the 0.5-1.0 copies, as curing agent for the 2-3, to improve the compressive deformation of 1.5 copies, improve the adhesive strength of 0.5-5.0 copies.

Package:

25kg plastic woven bag, paper with plastic film bag, kraft paper bag.

Storage:

Should be stored in a cool, dry, well ventilated place, packaged products should avoid direct sunlight.

Notes:

This product is oil based on user needs, treatment or granulation.