

Technical Data Sheet

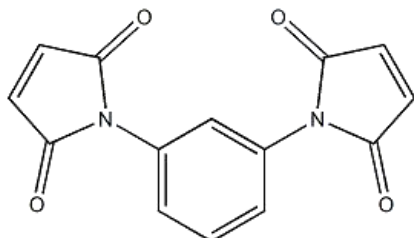
TDS NO.: HSM PDM(HVA-2)

Revision Date: 07/05/2020



N,N-m-phenylene bismaleimide PDM

Chemical Structure:



Typical Physical Properties

Product No.:	HSM PDM(HVA-2)
Chemical Name:	N,N-m-phenylene bismaleimide PDM
CAS No.:	3006-93-7
EINECS No.:	221-112-8
Molecular Formula:	C ₁₄ H ₈ N ₂ O ₄
Molecular Weight:	268.22
Appearance:	Yellow or brown powder

Safety

Risk Statements :	23/24/25-36/37/38-26-22
Safety Statements :	27-28-36/37/39-45-38-28A
UN No.:	UN2811
Packing Group:	II
Hazard Class:	6.1
HS Code :	38220090

Application

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.

Technical Data Sheet

TDS NO.: HSM PDM(HVA-2)

Revision Date: 07/05/2020



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.

Packing and Storage

Packing: 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.