

Accelerator PDM (MPBM)

Manufacturer: Willing New Materials Technology Co.
Classification: Rubber Vulcanizing Agent
Chemical Composition: N,N-m-phenylene bismaleimide, HVA-2

Specification Properties	Value
Ash Content, %	0.3 maximum
Initial Melting Point, °C	200 minimum
Loss on Drying, %	0.3 maximum
Purity, %	98 minimum
Typical Properties	Value
Physical Form	Yellow or light brown powder

> APPLICATIONS

General: Accelerator PDM (MPBM) has a specific gravity around 1.44. This product is soluble in tetrahydrofuran and hot acetone and is insoluble in petroleum ether, chloroform, benzene and water.

Application: Accelerator PDM (MPBM) functions as a rubber additive in rubber processing. It is also suitable for other rubber and plastics. In natural rubber, it can prevent the return of sulfide, improve heat resistance, reduce the heat and aging properties and improve the rubber and cord cohesiveness and vulcanized modulus. It can also be used as an auxiliary sulfurization agent and can significantly improve heat resistance, suitable for high temperature vulcanization. This product can reduce the compression deformation, reduce the dosage of peroxide, improve adhesive materials and assist in cord and metal bonding strength. This product can also use for cable rubber. It can replace thiazoles, thiuram and other sulfur sulfurization agents.

> PACKAGING AND STORAGE

Packaging: 25 kg bags.

Shelf Life: 1 year from date of manufacture if stored as indicated below.

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

Specification Date: June 1, 2026