QURECURR PDM

High Performance Anti-Reversion Co-Agent for Rubber Compounds form YASHO Industries, India

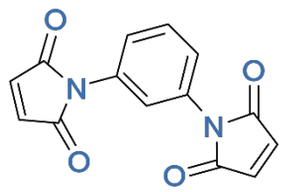
WHY Choose PDM?

QURECURR PDM is a high-performance bismaleimide compound based on N, N'-1, 3-Phenylene dimaleimide, designed to enhance the durability and thermal stability of rubber compounds. It functions as an efficient co-agent in peroxide curing systems and also provides significant benefits in sulfur-cured rubber formulations by improving resistance to reversion.

Chemical Information:

Chemical Name: N,N'-1,3-Phenylenedimaleimide
CAS No: 3006-93-7

Chemical Structure:
Molecular Weight: 268



Technical Parameters:

Property	Typical Value	Test Method
Appearance	Yellow to Greenish Yellow Powder	Visual
Melting Point (°C)	98.0 min	ASTM D 1519
Loss on Drying (105°C) (%)	0.5 max	QCD/TM/24
Ash Content (%)	0.5 max	ASTM D 4574

Unique Features to look into:

1. **Excellent Anti-Reversion Performance**: Improves resistance to thermal reversion in sulfur-cured rubber compounds.
2. **Higher Crosslink Density**: Acts as an efficient co-agent in peroxide curing systems, promoting the formation of additional crosslinks through reactive double bonds.
3. **Improved Mechanical Durability**: Supports better retention of physical properties under severe operating conditions
4. **Reduced Peroxide Requirement**: Enables lower peroxide usage while maintaining curing efficiency.
5. **Improved Heat Resistance**: Enhances high-temperature performance and long-term thermal stability.
6. **Enhanced Adhesion**: Improves bonding strength to textile cords and metal reinforcements such as steel wires.
7. **Versatile Compatibility**: Suitable for specialty rubbers including CR, CSM, NBR, Acrylic Rubber, EPDM and PP blends (TPV).

Packaging: Available in 25 Kgs. Paper Bag.