



**Karun Petrochemical
Company**

Address :

Head office:

No.17, Khalilzadeh St.,
Vali-e-asr Ave., Vanak
Sq., Tehran-Iran

Factory:

Site 2, Petrochemical
Special Economic Zone
(Pet zone), Bandar-e-
Imam Khomeini-Iran

Polymeric di-phenyl Methyl Amin

Property	Specification	Analytical Method
Appearance	Yellow to brown solid	Visual
Purity (wt%)	Min. 99.7	2-2.9.3-I033
Total MDA (wt%)	65.0-85.0	2-2.9.3-I033
Aniline (wt%)	max. 0.1	2-2.9.3-I033
Water (wt%)	max. 0.1	2-2.9.3-I035

• **Application areas**

PMA is a mixture of 4,4'-Diaminodiphenyl Methane (MDA), 2,4'-MDA, 2,2'-MDA and other aromatic amine. PMA product is yellowish-brown at room temperature and soluble in most organic solvents and hydrochloric acid, but insoluble in gasoline, hexane or water.

PMA is commonly used to manufacture:

- ✓ used as cross-linker in epoxy resin industry besides being used in MDI producing.
- ✓ It is suitable for encapsulating or casting large part because the curing time is adjustable.
- ✓ The products synthesized with it have excellent properties of mechanics with high crosslink density.

• **Handling and storage conditions**



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PMA should be kept in dry, clean warehouse with well ventilation. Avoid exposing to light and heating for prevention from oxidation. Protect the product from leakage, rain and insulation during transportation. Product must be stored at 20°C to 40°C . The best time is 6 month and it can be extended to 12 month.

• Packing details

In 220 lit (200 kg Net.) new steel drum, each 4 drums strapped on a wooden pallet.

• Licensor: Chematur Engineering (CEAB), Sweden.