

## m-Phenylenediamine product brochures

### 1. Name of the chemical

Chinese Name: 间苯二胺

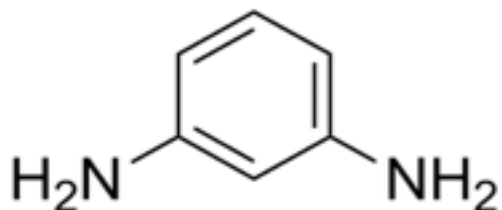
English Name: m-Phenylenediamine

CAS No.: 108-45-2

Formula: C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>

MW: 108.1411

Structure:



### 2. The physical and chemical properties

Appearance: Grey crystal granule.

Chemical Properties: m-Phenylenediamine is a colorless to white crystalline substance that turns red upon exposure to air.

Main purpose: 1,3-Phenylenediamine is used in the foaming-type hair dye composition.. An intermediate used in the synthesis of resorcinol,meta- aramid fibers, PEI, textile dyes, leather dyes and a key component in manufacturing epoxy resins and polyurethane etc..

### 3. The quality indicators:

Specifications:

Property	Unit	Fiber Grade	Fine Grade	Industrial Grade
Appearance	--	White Flake or molten	Grey Flake or molth	Grey Flake or molth
Purity(GC)	%( $\geq$ )	99.95	99.90	99.50
PPD+OPD(GC)	mg/kg ( $\leq$ )	100	500	2000
Water Content	%( $\leq$ )	0.10	0.10	0.10
Melting Point	$^{\circ}$ C( $\geq$ )	62.50	62.50	62.00

### 4.Packaging:

Iron/Fiber Drums or ISO Tank, other packings are available on request.