



MOCA (Type I)

Chemical Name: 4,4'-methylene-bis-(2-chloroaniline)

Molecular Formula: C₁₃H₁₂N₂Cl₂

Molecular Weight: 267.16

CAS NO.: 101-14-4

SPECIFICATIONS

Appearance	White flake
Melting point, °C	≥105
Water content, %	≤0.15
Purity, %	≥99 (HPLC)
Free aniline, %	No checkout
Color (Gardner)	≤1
Acetone insoluble matter, %	<0.04
Solubility	Very soluble in Acetone, DMF, DMSO, MEK and THF; Soluble in Ethanol, Toluene and Benzene; Insoluble in water.

FEATURES & APPLICATIONS

MOCA is an aromatic diamine chain extender or curing agent widely used in casting polyurethane elastomers, MOCA(Type I) is a high purity grade of MOCA. The melt MOCA is colorless to yellowish transparent liquid. It is recommended used in the applications such as skateboard wheel, polyurethane rice hulling roller, scraper, light color PU coatings, etc. which require good property and almost colorless transparent in appearance.

PACKING

25kg net weight in waterproof brown kraft paper bag with black polyethylene liner.

STORAGE

Store in a dry place away from light and damp.

SAFETY & OCCUPATIONAL PROTECTION

LD50 (rats) > 5000 mg/kg. Wear mask, gloves and goggles when handling.