



MOCA (Type II -pellet)

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

Molecular Formula: C₁₃H₁₂N₂Cl₂

Molecular Weight: 267.16

CAS NO.: 101-14-4

SPECIFICATIONS

| | |
|---------------------------------------|--|
| Appearance | Pale yellow pellet |
| Melting point , °C | 98 - 102 |
| Moisture , % | <0.20 |
| Purity , % (By GC) | ≥99 |
| Bulk density(24°C), g/cm ³ | 1.44 |
| Liquid density(107°C), g/ml | 1.26 |
| Amine value , mmol/g | 7.4-7.6 |
| Free aniline , % | <1.00 |
| Color (Gardner) | 4 - 8 |
| Acetone insoluble matter , % | <0.04 |
| Water absorption tendency | None |
| Solubility | Very soluble in Acetone, DMF, DMSO, MEK and THF; Soluble in Ethanol, Toluene and Benzene; Insoluble in water. |
| Toxicity | LD ₅₀ (rats) > 5000mg/kg. Wear mask, gloves and goggles when handling. |



SPECIALITY

MOCA (Type II -pellet) is high temperature resistance, so it has an outstanding colour stability.

The colour of MOCA (Type II -pellet) solution keep light yellow and clear transparent without any changes after heating or reheating several times, even though the heating temperature is up to 150°C.

APPLICATIONS

MOCA (Type II -pellet) is used widely as cross-linker or curing agent in the areas such:

PU Wheels for Hand Pallet Trucks.

PU Spring instead of Metallic Spring.

PU Rollers. PU Pedal Wheels.

PU waterproof Product such as PU Athletic Track.

PU Floor Coating, any PU coating waterproof materials. PU Roof coating. Etc.

PACKING

50kg net weight in carton drum with polyethylene liner.

STORAGE

Be airtight in a dry area and away from sunlight .

