



MOCA-HR

Chemical Name: 4-4'METHYLENE-BIS-(2-CHLOROANILENE)

Molecular Formula: C₁₃H₁₂N₂Cl₂

Molecular Weight:267.16

CAS No.: 101-14-4

SPECIFICATIONS

Appearance	Pale yellow granular pellet
Melting range, °C	98 – 102
Moisture, %	< 0.30

PHYSICAL PROPERTIES

Bulk density (24°C) ,g.cm ⁻³	1.44
Liquid density (107°C) ,g.mL ⁻¹	1.26
Amine value,mmol.g ⁻¹	7.4 - 7.6
Free aniline,%	< 1.00
Color (Gardner)	< 4
Acetone insoluble matter,%	< 0.04
Water absorption tendency	None
Storage stability	Stable, decomposes above 200° C
Solubility	Very soluble in Acetone, DMF, DMSO, MEK and THF; Soluble in Ethanol, Toluene and Benzene. Insoluble in water.
Toxicity	LD ₅₀ (rats) >5000 mg/kg. Wear mask, gloves and goggles when handling.

APPLICATIONS

Curing agent for polyurethane elastomers and cast polyurethanes.

Curing agent for epoxy or epoxy urethane resin.

PACKAGING

Net 50-kg carton drum with polyethylene liner.

STORAGE

MOCA-HR should be stored in a dry location.