

YLSCH-RBB® MOCA-HR

CHEMICAL NAME:3,3'-dichloro-4,4'-diaminodiphenylmethane

MOLECULAR FORMULA: C₁₃H₁₂N₂Cl₂

MOLECULAR WEIGHT:267.16

CAS No.: 101-14-4

QUALITY STANDARD:

MOCA	INDEX
Appearance	Pale yellow granular pellet
Melting range, °C	98-102
Moisture,%	<0.30
Solid 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	LD50(rats)>5000mg/kg.wear mask,gloves and goggles when handling.

APPLICATION:

Curing agent for polyurethane elastomers and cast polyurethanes.

Curing agent for epoxy or epoxy urethane resin.

PACKAGE:Net 50kg carton drum with polyethylene liner.

INSPECTION STANDARD: MOCA-HR should be stored in a dry location.