



## ML-200 (Modified liquid MOCA)

ML-200 is a product that is similar to solid MOCA in chemical structures and physical properties. It is liquid at room temperature. Compared with solid MOCA, ML-200 has many advantages like faster reactive speed and safer to worker. Because this product contains diamine, which makes it can be widely used in polyurethane-polyurea products as chain extender or hardner. Products cured with ML-200 exhibits better performance.

### Technical Specification:

Appearance	Light yellow to brown transparent liquid
Amine value m.mol/g	7.4-7.5
Water content %	$\leq 0.2$
Free Aniline %	$\leq 1.00$
Viscosity Mpa.S/25°C	1450 $\pm$ 100

### Performance Specification:

This product contains amidogen, so it can react with isocyanate to produce polyurea products (elastomer products etc.).

ML-200 is insoluble in water, and very soluble in some organic solvents, such as: benzene, chlorobenzene, acetone, grain alcohol etc.

### Main Application:

ML-200 is mainly used as a chain extender/ curing agent for polyurethane-polyurea elastomer products of TDI systems. Especially, it is used extensively in preparation of casting elastomers. This product can be used as a curing agent for PU coating, adhesive, sealant, micropore elastomers, polyurea spray-painting materials etc. And it is also a good curing agent for epoxy resin.

### Packing:

Net 200kg, 50kg, and 20kg galvanized iron drum.

### Storage:

ML-200 is easy oxidized, so it should be stored in a place to avoid contacting air, oxygen, sunlights, otherwise its color will become darker. Once opened, containers should be filled with Nitrogen, if they are to be stored for a period of time.