



## **TECHNICAL DATA SHEET**

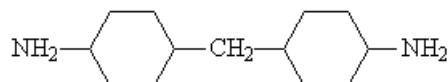
**NAME OF COMMODITY:** 4,4'-METHYLENEBIS (CYCLOHEXYLAMINE)

**CAS NO.:** 1761-71-3

**MOLECULAR FORMULA:** C<sub>13</sub>H<sub>26</sub>N<sub>2</sub>

**MOLECULAR WEIGHT:** 210

**CHEMICAL STRUCTURE:**



TESTS	SPECIFICATIONS
Appearance	Transparent liquid(colorless to primrose yellow)
Colour ,APHA	30 MAX
Viscosity,mPa.s/25°C	50-100
Active hydrogen equivalent	52.5
Purity, %	99.0 MIN
Specific gravity	0.94-0.98
Boiling point, °C	333
Flashing point, °C	150 MIN
PHR (based on 128)	25-30

### **APPLICATION:**

-----TO manufacture nylon in polyamide industry,also used as saturated polyurethane raw materials.

-----Used as modifying hardeners of epoxy resins,can be used in high-grade coatings or adhesives with good performance,such as high-grade polished plastic,plastic ornaments,composite material,winding body.

-----Used as a raw material for carbamate,electrical insulators,magnetic binder ect.

-----Used as amine chain extenders for polyurethane to improve product performance.

-----Used as intermediates for polyimide,medicine and dye.

**PACKING:** IN 190KG NET DRUM.

**SHELF LIFE:** 24 MONTHS