

# ROKOPOL M5000

**CHEMICAL NAME** Polyether polyol, block copolymer of ethylene oxide and propylene oxide based on glycerol.

**CAS NUMBER** 9082-00-2

**TECHNICAL REQUIREMENTS**

Appearance at 25°C ..... homogeneous, clear liquid

Hydroxyl value, mg KOH/g ..... 33 – 37  
(ASTM D4274-16, met.D)

Water content, % (m/m) .....max. 0.10  
(ASTM D4672-18)

Colour, Hazen units ..... max. 50  
(ASTM D1209-05(2019))

Acid value, mg KOH/g .....max. 0.10  
(ASTM D7253-16, bromothymol blue)

Dynamic viscosity at 25°C\*, mPas ..... 700 – 960  
(ASTM D4878-15, met. A)

\* - parameter determined on customer's request

**GENERAL DATA**

Molecular weight ..... ~4800

Density at temp. 25°C, g/ml .....~1.020

Content of unsaturated bondings, meq/g.....~0.06

Flash point, °C .....above 200

Appearance at bellow 25oC ..... possibility opalescent

Contains BHT free antioxidants

**APPLICATION** For production of high resilience block and moulded polyurethane foams and other polyurethane plastics.