

Roteor M6

CHEMICAL NAME	A mixture of surfactants
TECHNICAL REQUIREMENTS	<p>Appearance homogeneous liquid, blue to green color</p> <p>Odour..... characteristic of butanol</p> <p>Density at 20 °C, g/ml $(1,03 \pm 1,05) \pm 0,02$</p> <p>pH..... $(7 \div 8) \pm 0,5$</p> <p>Kinematic viscosity:</p> <p>- at 20°C, mm²/s..... $(3,6 \div 4,6) \pm 10\%$</p> <p>- at -5°C, mm²/s $(7,8 \div 8,6) \pm 10\%$</p> <p>Sediment, %(V/V) max. 0,1</p> <p>Solidification point, °C $(\text{od}-11 \text{ do } -13) \pm 2$</p> <p>Foam value of 6% (V/V) of Roteor solution in municipal water min. 8</p> <p>Foam stability in 5 minutes, %..... max 10</p> <p>Drainage time:</p> <p>- a value of 25 % (quarter), minutes min. 7</p> <p>- a value of 50 %, (half) minutes..... min. 15</p> <p>Surface tension of 6% (V/V) solution at 20 °C *, mN/m $(27,7 \div 30,7) \pm 10\%$</p> <p>Extinction time *, seconds max. 50</p> <p>Burnback time*, minutes min. 5</p> <p>* - carried out at the beginning of production and after changes in recipe or production technology, which can influence the parameters of the product.</p>
APPLICATION	Synthetic, 6% foam-forming fire-extinguishing concentrate used to produce low, medium and high expansion foams, to extinguish class A fires.