

SyncoPol S500

CHEMICAL NAME	Poly (oxypropylene) sorbitol
CAS NUMBER	52625-13-5
FUNCTION	Polyether polyol
TECHNICAL REQUIREMENTS	Apperance.....clear viscous liquid Color.....clear liquid Water Content, %.....max. 0.10 Hydroxyl Value, mg KOH/gm..... 475 - 505 Acid Number, mg KOH/gm.....max. 0.01 – 0.50 Total K+/Na+, ppmmax. 50
GENERAL DATA	Molecular weight, g/mol..... ~500 Viscosity (25°C), cps7,500 – 11,500 Odor.....mild odor
APPLICATION	<p>S500 is a multifunctional polyether polyol recommended for the production of rigid urethane foam. It is suitable for both high and low density foams. S500 can be used alone, or in combination with other polyols and fire retardants, to achieve various degrees of crosslinking. The polyol results in formulations with excellent k-factor to dimensional stability relationships.</p> <p>Application:</p> <ul style="list-style-type: none"> • appliance insulation, insulated panels, pour-in-place insulation and bunstock foam, • refrigerated transportation vehicles.