

SYNTHOESTER W 142

Characteristics: Waterborne, cyclo-aliphatic, polyester resin containing hydroxyl groups

Delivery form: 50%ig in Water/Propylenglycol-n-butylether/DMEA (34,5 : 12,5 : 3)

Application: For 1 and 2 pack, waterborne coatings, crosslinkable with hydrophobic melamine resins for oven-drying topcoats, above 110°C, on metal and glass- substrates and with polyisocyanates for air- and forced drying top coats on metal, glass, wood and plastic substrates with very good adhesion, high mechanical values, weathering and chemical resistance.

Properties:	<u>hydroxyl number</u> (in-house method AV-F-H003)	135 – 155
	<u>hydroxy content</u> on solid	4.1 – 4.7 %
	<u>viscosity in mPas/23°C</u> (in-house-method AV-F-V005) (delivery form)	3000 - 8000
	<u>nonvolatile content</u> (in-house-method AV-F-F003) (delivery form)	48 - 52
	<u>flash point in °C</u> (in-house-method AV-F-F006) (delivery form)	> 100
	<u>colour number</u> (in-house-method AV-F-F007) (delivery form)	not measable
	<u>density in g/ml</u> (in-house-method AV-F-D001) (delivery form)	1.01 – 1.03
	<u>pH value</u> (in-house-method AV-F-P001) (12% in water)	7.7 – 8.6
	<u>visual apperance</u>	opalescent

Storage: Minimum 6 month with appropriate storage conditions.