

## POLURGREEN - HIGH SOLID LOW MONOMER CONTENT POLYISOCYANATES

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Product	% NV	Type	Solvent	Type of isocyanate	% Monomer	% NCO	Vx mPa*s @ 23°C	Max Gardner colour	Characteristics & main application
<b>POLURGREEN AD - 01</b>	75	Adduct	Ethyl Acetate	TDI	< 0.1	12.5 - 13.5	1200 - 3000	1	Polyurethane adduct for general purposes. High compatibility with Nitrocellulose, CAB, saturated polyesters, OH acrylic and vinyl resins. Suitable for 2K varnishes and enamels. <b>The TDI content &lt;0,1% reduces its hazard classification.</b>
<b>POLURGREEN AD AB - 01</b>	67	Adduct	Butyl Acetate	TDI	< 0.1	11.5 - 12.1	400 - 800	1	Polyurethane adduct for general purposes. High compatibility with Nitrocellulose, CAB, saturated polyesters, OH acrylic polyols and vinyl resins. Suitable for 2K varnishes and enamels. <b>The TDI content &lt;0,1% reduces its hazard classification.</b>
<b>POLURGREEN HR - 01</b>	50	Isocyanurate	Butyl Acetate	TDI	< 0.1	7.7 - 8.1	700 - 1400	1	Fast drying. Limited yellowing. Suitable for PU sealers and matt topcoats. It can be used also in hot stamping field. <b>The TDI content &lt;0,1% reduces its hazard classification.</b>
<b>POLURGREEN HR AE - 01</b>	50	Isocyanurate	Ethyl Acetate	TDI	< 0.1	7.7 - 8.1	200-500	1	Fast drying. Limited yellowing. Used for 2K high gloss overprint formulations and ink sector. <b>The TDI content &lt;0,1% reduces its hazard classification.</b>
<b>POLURGREEN OK - 01</b>	60	Mixed Isocyanurate	Butyl Acetate	TDI HDI	< 0.1 < 0.1	9.8 - 10.3	500 - 1100	1	Excellent hardness. Good elasticity. Good yellowing resistance. Good compatibility with Nitrocellulose. Suitable for polishable varnishes and enamels for wood. Enamels with good colour retention for metal, plastics and other substrates. <b>The TDI content &lt;0,1% reduces its hazard classification.</b>
<b>POLURGREEN OK AE - 01</b>	60	Mixed Isocyanurate	Ethyl Acetate	TDI HDI	< 0.1 < 0.1	9.8 - 10.3	200 - 500	1	Excellent hardness. Good elasticity. Good yellowing resistance. Good compatibility with Nitrocellulose. Suitable for polishable varnishes and enamels for wood. Enamels with good colour retention for metal, plastics and other substrates. Mainly used for 2K PU adhesives and inks. <b>The TDI content &lt;0,1% reduces its hazard classification.</b>

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<b>POLURGREEN ES</b>	65	Isocyanurate	Ethyl Acetate	TDI	< 0.5	11.1 - 11.5	250 - 450	1	Fast drying. Low viscosity. Suitable for <b>High Solid content</b> PU sealers and topcoats. Its high NCO grants good crosslinking with higher OH content resins.
<b>POLURGREEN XP AB</b>	70	Isocyanurate	Butyl Acetate	TDI	< 0.5	12.5-13.5	800 - 2000	1	Fast drying. Low viscosity. High flexibility. Isocyanate with excellent compatibility with OH acrylic resins. Suitable for <b>High Solid content</b> PU formulation. Its high NCO grants good crosslinking with higher OH content resins.
<b>POLURGREEN ES.M</b>	70	Mixed Isocyanurate	Ethyl Acetate	TDI HDI	< 0.5 < 0.1	12.2 - 12.8	400 - 800	1	Fast drying. Good Pot life. Good yellowing resistance. Excellent hardness. Suitable for <b>High Solid content</b> PU topcoats. Its high NCO grants good crosslinking with higher OH content resins.
<b>POLURGREEN ES.P</b>	75	Mixed Isocyanurate	Ethyl Acetate	TDI HDI	< 0.5 < 0.1	13.5 - 14.5	400 - 800	1	Good Pot life. Good yellowing resistance. Excellent hardness. Suitable for <b>High Solid content</b> clear and pigmented PU high gloss topcoats. Its high NCO grants good crosslinking with higher OH content resins.

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## POLURGREEN - HIGH SOLID CONTENT MOISTURE CURING POLYURETHANE

Product	% NV	Type	Solvent	Type of isocyanate	% Monomer	% NCO	Vx mPa*s @ 23°C	Max Gardner colour	Characteristics & main application
<b>POLURGREEN M 570</b>	70	Prepolymer	Butyl Acetate	TDI	< 0.5	6.5-7.5	400 - 800	1	Fast curing. Excellent hardness. Good elasticity and abrasion resistance. Suitable for parquet coatings in high gloss and matt version. Recommended for the formulation with <b>High Solid content</b> and low viscosity system.

NB: All specifications refer to the delivery form