

A linear saturated polyester resin

FORM OF DELIVERY (f.o.d)

70% in Solvesso 100 / butyl glycol (70SNABG)

PRELIMINARY PRODUCT INFORMATION

This product is serving for trial purposes only. Deviations which might occur during transfer into manufacturing in a commercial scale are possible and do not constitute any material defect.

TENTATIVE PRODUCT DATA

Non-Volatiles: ISO 3251, <i>STM 001G</i>	69.0 - 71.0 %
Viscosity (23 °C at 100 s-1): ISO 3219, <i>STM 012J</i>	2.50 - 4.00 Pa.s
Acid value (on solid resin): DIN 53402, <i>STM 041A</i>	max 7 mgKOH/g
Colour GARDNER (Lico): ISO 4630, <i>STM 008E</i>	max 1 Gardner
Appearance: <i>STM 017A</i>	clear and clean

TYPICAL PROPERTIES

Hydroxyl value (on solids): ISO 4629, <i>STM 044D</i>	40 - 50 mgKOH/g
Density (at 20°C): DIN 53217	1.07 kg/dm ³
Flash point: ISO 1523	46 °C

REMARKS

STM: allnex method of determination (available on request).

STM 001G: spreading agent is methyl ethyl ketone. Use a paper clip to spread out

APPLICATION

Topcoats for coil coating industry.

SPECIAL PROPERTIES

Duroftal PE 7171/70SNABG is a low molecular polyester resin and preferably used to formulate architectural coil coating topcoats. Because of its high solids content, it is possible to formulate coatings with high yield and good flexibility/hardness balance.

PROCESSING

Duroftal PE 7171/70SNABG is recommended to combine with HMMM resins (e.g. Cymel 303 LF) in ratios of 80 - 90 % polyester and 20 - 10 % melamine resin (calculated on solid binders).

The addition of blocked acidic catalysts such as Cycat VXX 6395 in concentrations of 2 - 6 % (on active substance) calculated on solid melamine resin is recommended to optimize the curing process and the chemical resistance.

STORAGE

Standard shelf life is 365 days from the date of manufacturing. For products still in allnex possession allnex may extend the expiration date of a batch upon re-testing by QC

NOTE

Data contained in this publication are based on careful investigations (and are intended for information only). Due to scale up of this product there is not yet sufficient experience concerning serial production. We can therefore not exclude, that based on future knowledge product data and other indicated properties in upcoming Technical Data Sheets will be subject to change. We reserve the right to leave the product name unchanged, even if product data or other indicated properties will vary from the present product info. Regardless of the data contained in this publication any user is obliged to carry out tests under his own responsibility as to the suitability of the product for a particular use and to investigate the possible violation of industrial property rights of third parties. Information is therefore not binding and cannot be construed as guaranteeing specific properties of products. We apply our General Sales Conditions.