

Epilox[®] F 16-01G

Description Epilox[®] F 16-01G is a colourless, low-molecular-weight bisphenol F epoxy resin with a biobased carbon content of about 30 %.

Application Epilox[®] F 16-01G is a special epoxy resin which can be processed with polyamines and modified acid anhydride curing agents. These systems can be used for casting of optoelectronic devices or as binders for optical adhesives. Pigments and fillers may be added in dependence on required formulation data. Epilox[®] F 16-01G may crystallize on storage. Melting of crystallized product can be performed at 50 °C to 60 °C without any loss in specified data. Local overheating should be avoided.

Data

Viscosity at 25 °C (DIN 53015)	mPa·s	1200 – 1600
Epoxy Equivalent Weight (DIN 16 945)	g / eq	157 – 167
Density at 20 °C (DIN EN ISO 2811-3)	g / cm ³	approx. 1.17
Colour Number (Gardener) (DIN EN ISO 4630)	–	< 1

**Packing/
Storage/Transport** Epilox[®] F 16-01G is supplied in drums and containers. The product should be stored in closed containers at temperatures between 10 °C and 30 °C. Under these storage conditions, Epilox[®] F 16-01G shows no change in quality even after prolonged storage time exceeding 12 months.

Safety Requirements Please refer to the valid Material Safety Data Sheet as well as to the legal and recommended industrial hygiene regulations.

Data Sheet



The information given in these data is based on the testing methods established by LEUNA-Harze GmbH and on the knowledge of the characteristics of Epilox[®] - products and is given in good faith. No liability is accepted by LEUNA-Harze GmbH for any system or application in which Epilox[®] - products are utilized.