

Epilox[®] A 50-02G

Description Epilox[®] A 50-02G is an unmodified, at room temperature solid epoxy resin based on bisphenol A and epichlorohydrin. It contains a biobased carbon content of about 22%

Application Epilox[®] A 50-02G is an epoxy resin which is processed with polyamines, polyaminoamides and acid anhydride hardeners by warm and heat curing at temperatures above 60 °C. The fields of application mainly cover casting resins in electrical engineering/electronics, casting and laminating resins in mechanical engineering and toolmaking and in civil engineering (e.g. for corrosion protection of metals).

Data

Viscosity at 25 °C ¹⁾ (DIN 53015)	mPa·s	5 – 10
Epoxy Equivalent Weight (DIN 16 945)	g / eq	450 – 500
Density at 25 °C (DIN EN ISO 2811-3)	g / cm ³	approx. 1.19
Colour (Gardener) ¹⁾ (DIN EN ISO 4630)	–	< 1
Melting Point (Mettler Ring-Ball)	°C	68 – 80

¹⁾ 40 % (by weight) in methyl ethyl ketone

Packing/ Storage/Transport

Epilox[®] A 50-02G is supplied in 25 kg multiply paper bags. The product should be stored in closed bags under cool conditions. Under these storage conditions, Epilox[®] A 50-02G 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.

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.