

Epilox[®] A 19-03G

Description

Epilox[®] A 19-03G is a medium viscosity bisphenol A epoxy resin with a biobased carbon content of about 28%. It may crystallize on storage.

Application

Epilox[®] A 19-03G can be processed as casting, impregnating and laminating resin, as adhesive or as binder for kneadable materials. Epilox[®] A 19-03G is used mainly for electrical and electronic applications (e.g. encapsulation and casting) in which low contents of hydrolyzable chlorine are necessary. Epilox[®] A 19-03G 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	10000 – 14000
Epoxy Equivalent Weight (DIN 16 945)	g / eq	182 – 192
Density at 20 °C (DIN EN ISO 2811-3)	g / cm ³	ca. 1.17
Colour (Gardener) (DIN EN ISO 4630)	–	< 1
Content of Hydrolyzable Chlorine (LEUNA Standard 460.91)	ppm	< 300

Packing/

Storage/Transport

Epilox[®] A 19-03G is supplied in drums, containers and road tankers.

The product should be stored in closed containers at temperatures between 10 °C and 30 °C. Under these storage conditions, Epilox[®] A 19-03G 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.