

Epilox[®] - Hardener H 10-25 (Epilox[®] - Härter H 10-25)

Description

Epilox[®] - Hardener H 10-25 is a high viscosity polyamide supplied as 70 % solution in xylene.
Epilox[®] - Hardener H 10-25 doesn't contain nonylphenol.

Application

Epilox[®] - Hardener H 10-25 is used as curing agent in varnish and coating resin systems. Epilox[®] - Hardener H 10-25 is useful for maintenance coatings, marine paint primers and enamel paint formulations.

Data ¹⁾	
Viscosity at 25 °C [mPas] (DIN 53015)	440 - 1500
NH-Equivalent Weight [g]	approx. 340
Amine Number [mg KOH/g] (DIN 16945)	155 – 185
Density at 25 °C [g/cm ³] (DIN 53 217 T.4)	0.94 ± 0.02
Colour Number (Gardner) (DIN ISO 4630)	< 8
Solids Content [%] (by weight)	69 - 71
Mixing Ratio with Epilox [®] L 50-54 [phr] (EEW = 475, based on solids)	approx.. 54

¹⁾ Delivery form

System Properties with Epilox [®] L 50-54 (Bisphenol A resin, 75% solids in. Epoxy Equivalent Weight, solids: 450 to 500 g. Viscosity: 7,000 to 11,000 mPa·s at 25 °C.)	
Mixing Ratio Resin: Hardener [pbw: pbw]	100: 54
Pot Life (100 g Reaction Mixture, Initial Temperature 23 °C)	
40 °C after approx. [min]	-
Approx. Max. Temperature after approx. [°C/min]	- / >8

pbw: pbw = parts by weight: parts by weight

LEUNA-Harze recommends to use Epilox[®]-epoxy resin systems at temperatures of at least +10 °C.

Packing/Storage/Transport

Epilox[®] - Hardener H 10-25 is supplied in drums or containers. The product should be stored in closed containers at temperatures between +10 °C and +30 °C to protect it from moisture. Under these storage conditions Epilox[®] - Hardener H 10-25 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.