Data Sheet

Epilox® - Hardener H 15-50

(Epilox® - Härter H 15-50)

Description

Epilox® - Hardener H 15-50 is a formulated polyaminoamide hardener for epoxy resins.
Epilox® - Hardener H 15-50 doesn't contain nonylphenol.

Application

Epilox® - Hardener H 15-50 is used as curing agent for anti-corrosive paints, marine paints, reaction adhesives, epoxy mortars or mastics. Flexible and resistant coatings are formed when Epilox® hardener H 15-50 is used in combination with liquid and solid epoxy resins.

Data	
Viscosity at 25 °C [mPas] (DIN 53015)	100 - 400
NH-Equivalent Weight [g]	approx. 95
Amine Number [mg KOH/g] (DIN 16945)	370 – 410
Density at 20 °C [g/cm³] (DIN 53217 T.4)	approx. 0.96
Colour Number (Gardner) (DIN ISO 4630)	< 10

System Properties with Epilox® A 19-03 (Bisphenol A-Epoxy Resin. Epoxy Equivalent Weight: 182 to 192 g. Viscosity: 10,000 to 14,000 mPa·s at 25 °C.)	
Mixing Ratio Resin: Hardener [pbw: pbw]	100: 50
Pot Life (100 g Reaction Mixture, Initial Temperature 23 °C)	
40 °C after approx. [min]	nicht erreicht
Approx. Max. Temperature after approx. [°C/min]	-

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 15-50 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 15-50 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.

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