



Pioneers for Polymers & Chemicals

Product Data Sheet

Pox Rez - LR 117 & Pox Cure - LH 1070

Epoxy Casting Resin System

Pox Rez - LR 117 3 pbw

Pox Cure - LH 1070 1 pbw

Product description

Pox Rez - LR 117 & Pox Cure - LH 1070 is a specially modified solvent free epoxy casting curing at room temperature or slightly higher temperatures with high Tg, high strength, good heat resistance, long pot-lives, good resistance to atmospheric degradation, high mechanical, chemical and electric properties, high filler addition possibility and as such is used for many different applications with little or no change to the original un-modified epoxy resin properties when cured with suitable hardeners such as polyamine hardeners.

Product applications

Pox Rez - LR 117 & Pox Cure - LH 1070 is used for many different applications such as casting and tooling, potting and encapsulation, adhesives, composites, marine, protective coatings and crack injection.

Product characteristics

Pox Rez - LR 117

Pox Rez-LR 117 is a modified low-viscous epoxy resin with reactive-thinner

Viscosity at 25 °C	appr. 950 mPa.s	DIN 53214
Density at 25 °C	1.14 g/cm ³	DIN 51757,T3
Colour index	< 1	Gardner
Epoxy content	5.0 - 5.12 Eq./Kg	

Pox Cure - LH 1070

Pox Cure - LH 1070 is a liquid polyamine curing agent for epoxy resins

Viscosity at 25 °C	appr. 60 mPa.s	DIN 53214
Density at 25 °C	appr. 1.0 g/cm ³	DIN 51757,T3
Colour index	< 2	Gardner
HEW	68 g/eq.	

Storage:

It is at least 24 months at room temperature in the original sealed containers from the date of manufacture. Store away from excessive heat and humidity in tightly closed containers.

Health & Safety: Read Material Safety Data Sheet before handling or using this product

Comp. A Classification: **Xi** "irritant" & Comp. B Classification: **C** "corrosive"