

TECHNICAL DATA SHEET

Version: 3/2014

Letoxit® PR 227

Application

-for production of laminated segments reinforced with glass, carbon or kevlar fibers
 -using: parts of airplanes, sailplanes, sport boats, carriage bodies....

Special properties

-extremely liquid low molecular resin without filling material
 -with additives preventing from crystallization
 -with good mechanical properties, well physiologically tolerated

Type

-extremely liquid low molecular epoxy laminated resin

Method of use

Mix Letoxit PR 227 with suitable curing agent according to application method and required final properties of laminate. From production of 5M it is possible to use Letoxit EM 315, EM 316 or EM 317. If the mixture ratio is not state, it is possible to determine the quantity of curing agent in grams for 100g of epoxy resin:

$x = He \cdot E_{ekv}$

x = quantity of curing agent in grams for 100 grams of epoxy resin

He = hydrogen equivalent weight of curing agent

Eekv = epoxy equivalent epoxy resin in mol/100 g

Technical data

Base:	epoxy resin
Colour:	colourless- light yellow
Viscosity at 25°C:	30-70 mPa.s
Epoxy equivalent:	$E_{ekv} = 0,59$
Density:	1160 kg /m ³ (25°C)

Other data

Storage temperature:	min. + 5° C, max. + 35° C
Storage time period:	6 months in closed container

Packing

20 kg PE cans
 220 kg barrels

Safety at work

see material safety data sheet



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