

LETOXIT PR 227

Epoxy; Epoxide

5M s.r.o.

Message:

Applications:

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

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

$x = \frac{He}{Eekv}$

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

resin:

He = hydrogen equivalent weight of curing agent

Eekv = epoxy equivalent epoxy resin in mol/100 g

General Information		
Features	Low Molecular Weight	
Uses	Aircraft Applications	
	Laminates	
	Water Sports Equipment	
Appearance	Clear/Transparent	
	Yellow	
Forms	Liquid	
Physical	Nominal Value	Unit
Density	1.16	g/cm ³
Solution Viscosity ¹	300 to 700	mPa · s
Thermoset	Nominal Value	Unit
Shelf Life	26	wk
Additional Information	Nominal Value	Unit
Epoxy Equivalent	E(evk) = 0.59	
Storage Temperature	5 to 35	°C
NOTE		
1.	25°C	

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