

LETOXIT PR 217

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:

low molecular resin without filling material
with high impact resistance

Type: low molecular epoxy laminated resin

Application method: Mix Letoxit PR 217 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:

$x = He \cdot Eekv$

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	High Impact Resistance Low Molecular Weight	
Uses	Aircraft Applications Laminates Water Sports Equipment	
Appearance	Clear/Transparent Yellow	
Forms	Liquid	
Physical	Nominal Value	Unit
Density	1.13 to 1.15	g/cm ³
Solution Viscosity ¹	900 to 1200	mPa · s
Thermoset	Nominal Value	Unit
Shelf Life	26	wk
Additional Information	Nominal Value	Unit
Epoxy Equivalent	E(evk) = 0.54 to 0.58	
Storage Temperature	5 to 35	°C
NOTE		
1.	25°C	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

