

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Epoxy Systems

with type designation(s)
E245A

Issued to

Guangzhou Pochely New Materials Technology Co., Ltd.
Guangzhou, China

is found to comply with
DNV GL class programme DNVGL-CP-0089 – Type approval – Epoxy resin systems

Application :

Laminating resin for construction of laminates made of fibre reinforced plastics.

Issued at **Hamburg** on **2018-12-21**

This Certificate is valid until **2023-12-20**.

DNV GL local station: **Hamburg Materials & Welding**

Approval Engineer: **Guido Michalek**



for **DNV GL**

Digitally Signed By: Wildhagen, Christian

Location: DNV GL Hamburg, Germany

Signing Date: 2018-12-21, on behalf of

Thorsten Lohmann
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Job Id: 262.1-026926-1
Certificate No: TAK00001G9

Product description

Two component epoxy resin system.

Approved variants

Epoxy resin E245A with following hardener
- H245B

Type Approval documentation

- Technical Data Sheet
- Material Safety Data Sheet
- Test Report No. 17060264 issued by the DNV GL approved testing laboratory of Nanjing FRP (Approval No. GL-LZ 1308 HH, dated on 2017-08-14.
- Quality assurance/control documentation

Material Properties

Properties	Test Method	E245A	H245B	Unit
Epoxy Equivalent	ISO 3001	0.55 – 0.62	N/A	g/eq
Amine Value	ISO 9702	N/A	500 – 600	mg KOH/g
Viscosity at 25°C	ISO 2555	400-600	7-17	cps

Limitation

The resin complies with the applicable requirements of DNV GL and is compatible to the fibers, adhesives and core materials. Any significant changes in design and / or quality of the material will render the approval invalid.

Assessed production site

No.12, Xiantang Road,
Yonghe Economic District, Guangzhou Economic and Technological Development Zone,
Guangzhou, Guangdong,
P.R.China, Post Code: 511356

Periodical assessment

A production site with a valid Approval of Manufacturer (AoM) certificate for material in question is exempted from the obligation concerning retention and renewal assessments.
For manufacturer without a valid AoM a periodical assessment after 2.5 years and at renewal after 5 years is required.

Remarks

None

END OF CERTIFICATE