



HAVEL COMPOSITES CZ s.r.o.
Svédlice 67
783 54 Přebuz
tel.: +420 585 129 011
fax: +420 585 129 040
info@havel-composites.com
www.havel-composites.com
IČ: 25907379
DIČ: CZ25907379

Laminating resin LH 288 for vacuum injection or RTM tech.

TDS, manufacture instructions

Description:	Epoxy resin with an extremely low viscosity.
Application:	Shipbuilding, sports equipment, aircraft models, molds and tools, castings
Processing temperature:	18-32°C humidity 40-90%
Application methods:	Vacuum injection, RTM, hand lay up
Special properties:	Extremely low viscosity Pot life 15min-5hours Thermal resistance 50-100°C

Introduction

It is a low viscosity resin based on bisphenol A. Viscosity: 500 to 900 mPas / 25 ° C. At normal storage temperatures, there is no crystallized. The advantage of the mixture resin and hardener recommended its clarity.

Special features: The resin is at a temperature of 0-10 ° C clear, no clouding such as some epoxy resins. The resin and hardener before lamination creates a low-viscosity system that allows good wetting and penetration of the fabric while pushing bubbles laminated system, thereby achieving improvements in mechanical properties.

Workability / so. pot life / from about 15 min. to about 5 hours depending on the hardener

Approval:
none

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Thermal resistance of the product without significant changes to their parameters:
> + 50 to 100 ° C

Mixing

hardener	thermal immunity st.C	workability in min	ratio LH 288 to hardener
H 505	80	30	100:26
H 508 A	80	60	100:13
H 511	80	90	100:18
H 146	80	50	100:28
H 512	110	210	100:22
H 508	80	60	100:27

Physical properties

Form:	liquid
Epoxy equivalent weight (g / mol):	180-196
Color (Gardner):	max. 3
Epoxy index mol / 1000 g:	from 0.51 to 0.56
Flash Point (° C)	above 150
Viscosity (mPa.s at 25 ° C)	500-900
Density (g / cm ³)	1,12 1,16 x

Storage

The resin can be stored for at least 12 months in a carefully sealed containers. At temperatures below + 15 ° C to 0 ° C, the resin does not crystallize.

Keep away from sunlight in a dry place.

Health and safety

Please read the separate backing - Material Safety Data Sheet.

Note to revers

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