Subject : New material designations

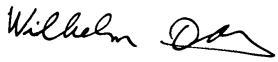
Effectivity : all DG and LS sailplanes and motorgliders

Accomplishment : in case of repair

Reason : Suppliers of Composite materials have changed their product designations or no longer produce their materials.
This means that not all materials listed in the repair manuals are still available.
To solve this problem a list of new material designations and alternative materials is published see below.

Bruchsal date initial issue
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Author::
Dipl. Ing. Wilhelm Dirks



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Approval No. EASA.A.C.09568.

Type	**existing designation**	**new designation**
carbonfibre rovings	TENAX HTS 5631 1600tex f24000	Toho Tenax HTS40 F13 24K 1600tex
resin	MGS L 160	Momentive EPIKOTE ™ Resin MGS LR 160
hardener	MGS H 160A	EPIKURE ™ Curing Agent MGS LH 160A
hardener	MGS H 163	EPIKURE ™ Curing Agent MGS LH 163
resin	MGS L 285	Momentive EPIKOTE ™ Resin MGS LR 285
hardener	MGS H 286	EPIKURE ™ Curing Agent MGS LH 286
hardener	MGS H 287	EPIKURE ™ Curing Agent MGS LH 287

Type	**existing designation**	**alternative material**
carbonfibre rovings	Sigri NF24	Toho Tenax HTS40 F13 24K 1600tex
carbonfibre rovings	Toho Tenax HTA 24000	Toho Tenax HTS40 F13 24K 1600tex
glasfibre rovings	EC-10-2400 K 92	EC 14-2400-P 185
resin	EPIKOTE 162	Momentive EPIKOTE ™ Resin MGS LR 285
hardener	EPIKURE 113 (LarominC260)	EPIKURE ™ Curing Agent MGS LH 286
glue for Plexiglas	Casco Nobel 1805 Foss Than 2K	Teroson Macroplast UK 8303B60
hardener for glue for Plexiglas	Casco Nobel 1821 Curing Agent	Teroson Macroplast UK5400 mixing ratio 6:1 by weight
Interglas glasfibre fabrics	with Finish I 550	with Finish FK 144
resin	MGS L 285	Momentive EPIKOTE ™ Resin MGS LR 385 only for CFRP
hardener	MGS H 286	EPIKURE ™ Curing Agent MGS LH 386

Revision	Date	Change	Author
a	3.05.2009	LR385 / LH386 amendet as alternatve resin/hardener system	W. Dirks
b	16.12.2011	Manufacturer Momentve instead of Hexion, LR385 only for CFRP	W. Dirks

Revision a approved by EASA date 28. May 2009 together with note of production changes DG-NC-02 with approval no. EASA.A.C.12230.