

material: carbon prepreg FABRIC (F)
CC200 ER450 42% M46J 6K carbon prepreg
Cured Ply Thickness : ~0.23 mm
fibre/resin: (M46J 6K)/(ER450)

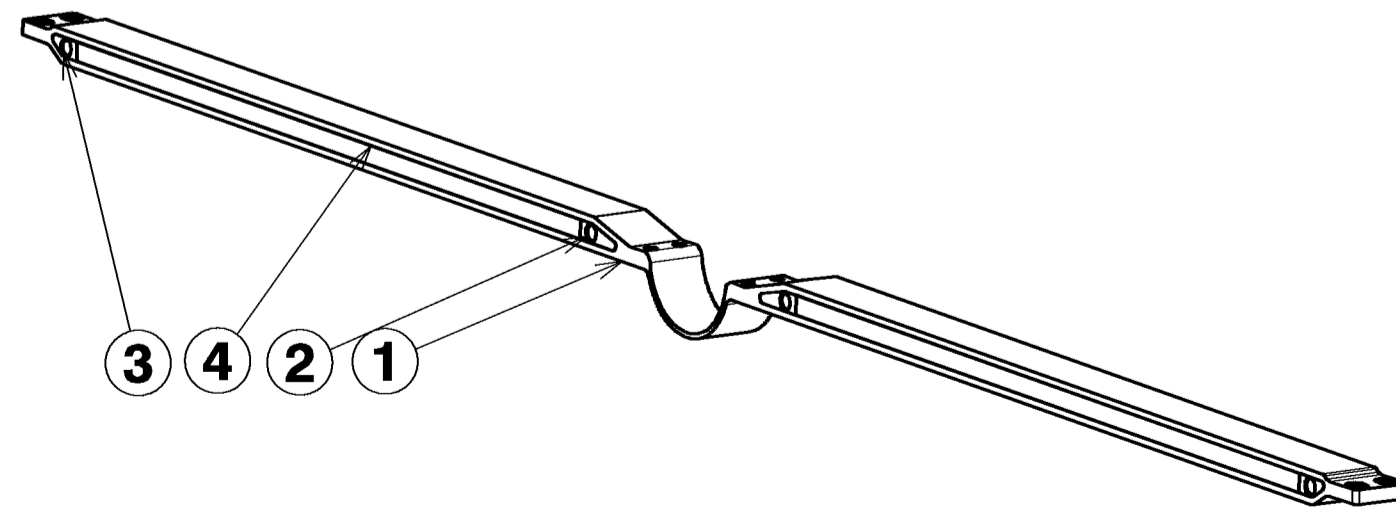
material: carbon prepreg UNIDIRECTIONAL
E9025C-25N
Cured Ply Thickness : ~0.21 mm
fibre/resin: (XN-90-60S)/(E90)

lay-up: [OF/O₂₄/OF]
laminate thickness: ~6mm

lay-up: [OF/O₁₂/OF]*
* The OF prepreg in contact with the Core covers also the cores sides
laminate thickness: ~3mm

lay-up: [OF/O₃₁/OF]
laminate thickness: ~7mm

lay-up: [OF/O₈/OF]
laminate thickness: ~2mm



QUA	DESCRIPTION	POS	MAT.	OBSERVATIONS	REF. CERN
2	BP support - core 3	4		ALIITSUP0267 ST0855828	
2	BP support - core 2	3	PEEK - CA30 Ketron	ALIITSUP0266 ST0855788	
2	BP support - core 1	2	PEEK - CA30 Ketron	ALIITSUP0265 ST0855786	
1	BP support B - lower collar carbon	1	Carbon Fiber	ST0733712	

ENS/ASS	S.ENS/S.ASS
ISO 2768-fk	ISO 13715 $\sqrt{-0.3}$ $\sqrt{+0.3}$

ITS detector upgrade		SCALE	DES/DRA.	G. LEDEY	2017-06-07
BP support B - lower collar		1:1	CONTROLLED	E. LAUDI	2017-06-07
			RELEASED	C. GARGIULO	2017-06-07
			APPROVED		
			CAD Document Number ST0855789_02		
			REPLACES		

RELEASED BY	FOR	GAC	SIZE	IND.
PROJECT ENGINEER	TENDER	-	2	2

ALIITSUP0263