

Delivery specification for SustaPEEK CM CF30

Requirements	Test method	Information on execution
Tolerances on thick-	Factory tolerances	Nominal size (Oversized)
nesses for compression-	(Factory tolerances are those tol-	Tolerances: +0,5 /+3,5mm
moulded sheets	erances that can be ensured in	
(Oversize – surface raw as	the normal production process)	
moulded)		
Tolerances on thick-	Factory tolerances	Nominal size (Finished)
nesses for compression-	(Factory tolerances are those tol-	Tolerances: -0 / +0,5mm
moulded sheets	erances that can be ensured in	
(Finished-machined sur-	the normal production process)	
faces)		
Straightness require-	Factory tolerances	For compression-moulded sheets, the deflection per
ments for compression-	(Factory tolerances are those tol-	sheet at the intersection of the diagonals must not de-
moulded sheets	erances that can be ensured in	viate by more than 8/3/2 mm from corner to corner,
\$ 3mm	the normal production process)	based on an edge length of 1000/500/400 mm.
Blisters, voids, cracks	Factory tolerances	Cracks or micro voids which are below the detection
	(Factory tolerances are those tol-	limits of non-destructive test method (approx. ~1mm)
	erances that can be ensured in	are not considered. Blisters, voids, cracks larger than
	the normal production process)	2 mm are not permitted.



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Surface appearance	Factory toloropes	Compression moulded sheets (Oversize)
Surface appearance	Factory tolerances (Factory tolerances are those tolerances that can be ensured in the normal production process)	Compression-moulded sheets (Oversize) may come with uniform black surfaces (minor scratches or traces of grinding cannot be ruled out) - machined surfaces (Finished) may come with uniform black, machined surfaces. Oversize compression-moulded sheet are stored without surface protection. Finished compression-moulded sheet are stored with surface protection (e.g. PE-bag).
Traceability	SOP	Each of the compression-moulded sheets will be marked with stickers on their surfaces with information as defined in the relevant SOP

Date: 02/06/2022 (RSP-S-QM-005-R001)

