



ISO 9001 - Cert No 10490



Cristex Composite Materials  
COMPOSITES YOU CAN TRUST

## WOVEN FABRIC TECHNICAL DATA SHEET

Product Reference: KK 460 P

Characteristics		Nominal	Tolerance	Normative
Mass per unit area	g/m <sup>2</sup>	462	± 5%	ISO 4605
Weave		Plain		ISO 2113
Width	mm	1000/1200	± 2,5%	ISO 22198
Thickness	mm	0,68	± 2,5%	ISO 5084(**)
Other information		Loomstate		

Nominal Construction		Warp		Weft	
Fibre Description		HM Aramid Fibre Twaron Type 2200 – 3220 dtex		HM Aramid Fibre Twaron Type 2200 – 3220 dtex	
Fibre Producer		Teijin - Twaron		Teijin - Twaron	
Thread Count	ends/cm	6,7	ISO 4602	6,7	ISO 4602
Weight Distribution	g/m <sup>2</sup>	Aramid 3220 dtex	231	Aramid 3220 dtex	231
	%		50%		50%
Selvages		Weaving Style	LENO	Type of Fibre	HM Polyester 22 tex

Mechanical Properties of Fibre	Breaking Tenacity	Modulus (nominal)
Twaron Type 2200 – 3220 dtex	2923 Mpa	102 Gpa

(\*\*) Theoretical thickness for an epoxy laminate with 40% of reinforcement in volume.

**Note:** Technical information furnished is based on laboratory findings and believed to be correct. No warranties of any kind are made except that the materials supplied are of standard quality. All risk and liabilities arising from handling, storage and use of products, as well as compliance with applicable legal restrictions, rests with the user.