

DATA SHEET GRAPHITE

			CARBON-FIBER COMPOSITE (CFC)
SPECIFICATION		UNIT	
Bulk Density		(g/cm ³)	1,43 - 1,57
Carbon		%	≥ 98
Thermal Conductivity		1150°C W/m.k	20 - 40
Folding Strength		Mpa	36 - 200
Flexural Strength		Mpa	65 - 300
Ash Content		PPM	≤ 0,05
Electric Resistivity		Ωmm ² /m	35 - 45
Processing Temperature		°C	1200 - 2500
Operating Condition	In the air	°C	≤ 400
	In the vacuum	°C	≥ 1800
	In the inert atmosphere	°C	≥ 3300
Specification Sizes	Legth	m	2000 max. (Plate), Dia. 230-1500 (Cylinder/Tube)
	Width	mm	1200 max. (Plate), High 2000 max. (Cylinder/Tube)
	Thickness	mm	1,5-220 max. (Plate), 6-80 (Cylinder/Tube)



CTPS |

PRODOTTI
SPECIALI
DAL 1993