

Presursor	No. of Strands	240	Fils. per Strand	24000	Fil. fineness	1.44	dtex	330	Days running per year
	Speed Drive 1	10.4	m/min	24K	CF Linear Density	1.6	g/m		
	Speed Exit (HT)	11.00	m/min	7 micron CF					

Hourly (kg per hour)	CREEL -->	Oxidation -->	LT Furnace ---->	HT Furnace ---->	Surface Treat. -->	Washing -->	Dryer 1 -->	Sizing Bath-->	Dryer 2 -->	Winder -->	Total	kg per hour
Precursor	517.6										517.6	Precursor
Water	155.3				228.1	253.4		240.8			649.5	Water
Oxidized PAN Fiber		512.4									512.4	Oxidized PAN Fiber
Precarbonized Fiber			292.3								292.3	Precarbonized Fiber
Carbon Fiber				253.44	253.44	253.44	253.44	253.44	253.44		253.44	Carbon Fiber
Sodium Bicarbonate					25.3						25.3	Sodium Bicarbonate
Raw Sizing (30% conc.)								12.7			12.7	Raw Sizing (30% conc.)
Sizing Resin (100%)									3.80		3.80	Sizing Resin (100%)
Sized Carbon Fiber										257.2	257.2	Sized Carbon Fiber

Daily (kg per day)	CREEL -->	Oxidation -->	LT Furnace ---->	HT Furnace ---->	Surface Treat. -->	Washing -->	Dryer 1 -->	Sizing Bath-->	Dryer 2 -->	Winder -->	Total	kg per day
Precursor	12422										12421.7	Precursor
Water	3727				5474	6083		5778			15587.5	Water
Oxidized PAN Fiber		12297									12297.5	Oxidized PAN Fiber
Precarbonized Fiber			7015								7014.8	Precarbonized Fiber
Carbon Fiber				6083	6083	6083	6083	6083	6083		6082.56	Carbon Fiber
Sodium Bicarbonate					608						608.3	Sodium Bicarbonate
Raw Sizing (30% conc.)								304			304.1	Raw Sizing (30% conc.)
Sizing Resin 100%									91		91.24	Sizing Resin (100%)
Sized Carbon Fiber										6174	6173.8	Sized Carbon Fiber

Yearly (Tonne per year)	CREEL -->	Oxidation -->	LT Furnace ---->	HT Furnace ---->	Surface Treat. -->	Washing -->	Dryer 1 -->	Sizing Bath-->	Dryer 2 -->	Winder -->	Total	Tonne per year
Precursor	4099										4099.2	Precursor
Water	1230				1807	2007		1907			5143.9	Water
Oxidized PAN Fiber		4058									4058.2	Oxidized PAN Fiber
Precarbonized Fiber			2315								2314.9	Precarbonized Fiber
Carbon Fiber				2007	2007	2007	2007	2007	2007		2007.2	Carbon Fiber
Sodium Bicarbonate					201						200.7	Sodium Bicarbonate
Raw Sizing (30% conc.)								100			100.4	Raw Sizing (30% conc.)
Sizing Resin 100%									30		30.1	Sizing Resin (100%)
Sized Carbon Fiber										2037	2037.4	Sized Carbon Fiber