MIRAYPAN CARBONS PRIVATE LIMITED

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Material Data Sheet

Material Description : **Rayon Carbon Fabric (TW)**

Material Code : **MI-RCFTW-01**

Application

Carbon fabric is an raw material used for Aerospace, Defence and its allied industries.

Data

1	Precursor	: Rayon Yarn
2	Type of weave	: Twill Weave

Chemical Properties

Sl.no	Parameter	UOM	Specification	
1	Carbon content	Weight %	: 97 %	min.
2	Ash content	Weight %	: 1	max
3	Sodium content	ppm	: 750	max.
4	pH Value	-	: 7 - 11	

Mechanical Properties

Sl.no	Parameter	UOM	Specification	
	Breaking Strength	N / Inch		
1	Warp		: 500	min.
	Fill		: 500	min.
2	Specific gravity	gm/cc	: 1.8 - 2.0	
3	Weight	g/sqm	: 350 ± 25	
	Thread count			
4	Warp	End / Inch	: 37 ± 2	
	Fill	Picks / Inch	: 34 ± 2	
5	Thickness	mm	: 0.40 - 0.45	
6	Width	mm	: 1000 ± 50	
7	Length	meter	: 90	max.

Important

All information is considered to be correct but is given without acceptance of responsibility. Users should make their own assessment of the suitability of any product for the purpose and requirements.