



PAN-based Carbon Fiber & Composite Materials

PYROFIL™

PYROFIL™ Prepreg

FAW(Fiber Areal Weight), RC(Resin Content), TAW(Total Areal Weight), Ply THICKNESS

Type	Item	FAW g/m ²	RC wt%	TAW g/m ²	Ply Thickness ¹⁾ mm
UD					
	TR Type				
	TR 350C075S	75	25	100	0.06
	TR 350C100S	100	25	133	0.08
	TR 350C125S	125	25	167	0.10
	TR 350C150S	150	25	200	0.12
	TR 350C175S	175	25	233	0.14
	TR 350E100R	105	30	150	0.10
	TR 350E125S	125	30	179	0.11
	TR 350E150S	150	30	214	0.14
	TR 350G100S	100	33	149	0.10
	TR 350G125S	125	33	187	0.12
	TR 350G150S	150	33	224	0.14
	TR 350G175S	175	33	261	0.17
	TR 350G250S	250	33	373	0.24
	TR 350J050S	54	37.5	86	0.06
	TR 350K020S	22	40	37	0.02
	TR 350K025S	29	40	48	0.03
	TRH Type				
	TRH350B100S	100	20	125	0.08
	TRH350B125S	125	20	156	0.09
	TRH350B150S	150	20	188	0.11
	MR Type				
	MRX350C075S	75	25	100	0.06
	MRX350C100S	100	25	133	0.08
	MRX350C125S	125	25	167	0.10
	MRX350C150S	150	25	200	0.12
	MR 350J050S	54	37.5	86	0.06
	MRA Type				
	MRA350C075S	75	25	100	0.06
	MRA350C100S	100	25	133	0.08
	MRA350C125S	125	25	167	0.10
	HR Type				
	HRX350C075S	69	25	92	0.06
	HRX350C080S	75	24	99	0.06
	HRX350C100S	92	25	123	0.08
	HRX350C110S	100	24	132	0.08
	HRX350C125S	116	25	155	0.10
	HRX350C130S	125	24	164	0.10
	HRX350C150S	139	25	185	0.11
	HRX350C160S	150	25	200	0.12
	HS Type				
	HSX350C075S	69	25	92	0.06
	HSX350C080S	75	24	99	0.06
	HSX350C100S	92	25	123	0.08
	HSX350C110S	100	24	132	0.08
	HSX350C125S	116	25	155	0.09
	HSX350C130S	125	24	164	0.10
	HSX350C150S	139	25	185	0.11
	HSX350C160S	150	24	197	0.12
Woven					
	TR Type				
	TR3110 381GMX	200(PLAIN)	40	333	0.22
	TR3523 381GMX	200(TWILL)	40	333	0.22
	TR6110H331GMP	288(PLAIN)	40	480	0.32
	TRK101 331GMP	400(PLAIN)	40	667	0.44
	TRK510 321GMP	646(TWILL)	40	1077	0.72

¹⁾Calculated from FAW and RC

MITSUBISHI CHEMICAL CORPORATION

Carbon Fiber and Composite Materials Division
1-1, Marunouchi 1-Chome, Chiyoda-ku, Tokyo 100-8251, Japan
Phone: +81- 3- 6748- 7514/ Fax: +81- 3- 3286- 1380
Web: <https://www.m-chemical.co.jp>

The data and information provided in this document have been obtained from carefully controlled materials and procedures in Mitsubishi Chemical Corporation. Any values provided are considered representative but do not guarantee equivalency for your own testing of our products for your own purpose. Mitsubishi Chemical Corporation makes no warranty or representation, including but not limited to, implied warranties of our product and relevant information for a specific performance, use or purpose. Mitsubishi Chemical Corporation declines any liability with all data and all application made by you and any third party.

The content of this data sheet may change without prior notice.
The transcription of any data or information contained in this data sheet is strictly prohibited without prior written consent.

Prepreg FAW
2020 Jan 14 (MCC)