

**ST CF-Gewebe 15/15 160g/m<sup>2</sup> per m****190.2278**

<b>CHARACTERISTICS</b>		<b>Nominal</b>	<b>Tolerance</b>	<b>Normative</b>
<b>Mass per unit area</b>	g/m <sup>2</sup>	<b>160</b>	± 5%	ISO 4605
<b>Weave</b>		<i>Plain</i>		ISO 2113
<b>Width</b>	mm	1000	± 2,5%	ISO 22198
<b>Thickness</b>	mm	0,15	± 2,5%	ISO 5084(**)
<b>Other informations</b>		<i>from Dynanotex Unidirectional</i>		

<b>Nominal Construction</b>		<b>WARP</b>		<b>WEFT</b>	
<b>Fiber Description</b>		Dynanotex HS15 80 DLN2 15 mm - 15K - 1000 tex		Dynanotex HS15 80 DLN2 15 mm - 15K - 1000 tex	
<b>Fiber Producer</b>		Mitsubishi GRAFIL		Mitsubishi GRAFIL	
<b>Thread Count</b>	ends/cm	<b>0,66</b>	ISO 4602	<b>0,66</b>	ISO 4602
<b>Weight Distribution</b>	g/m <sup>2</sup>	TR50 - 15K carbon fiber	<b>80</b>	TR50 - 15K carbon fiber	<b>80</b>
	%		50%		50%
<b>Selvages</b>		Weaving style	LENO	Type of Fiber	HM polyester 22 tex

<b>Mechanical Properties of Fiber</b>	<b>Strength ( nominal )</b>	<b>Modulus (nominal)</b>
Mitsubishi GRAFIL TR50 - 15K	4900 MPa	240 Gpa

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

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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.