

## **ABS X-TREME X130 Carbon Fibre – Spec Sheet**

(to be used for FDM® rapid prototyping machines)

<b>MECHANICAL PROPERTIES</b>	<b>METRIC</b>	<b>TEST METHOD</b>
Tensile Strength at Break	36 MPa	ASTM D638
Tensile Modulus	4,510 MPa	ASTM D638
Tensile Elongation at Break	2,1%	ASTM D638

<b>MECHANICAL PROPERTIES</b>	<b>METRIC</b>	<b>TEST METHOD</b>
Flexural Strength	73 MPa	ASTM D790
Flexural Modulus	4,900 MPa	ASTM D790

<b>THERMAL PROPERTIES</b>	<b>METRIC</b>	<b>TEST METHOD</b>
Glass Transition Temperature (Tg)	104°C	DSC

<b>PHYSICAL PROPERTIES</b>	<b>VALUE</b>	<b>TEST METHOD</b>
Density	1.04	ASTM D792

<b>PRINTED CONDITIONS</b>	
Infill	Solid
Layer height	0,254 mm
Orientation	xy Flat

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