

ABS X-TREME X130 – Spec Sheet

(to be used on FDM® rapid prototyping machines)

ABS X-Treme X130 is a general purpose ABS filament available in black, white, grey, dark grey, blue, red, orange, yellow, green and natural. It has balanced properties and is suitable for a wide variety of applications.

Mechanical Properties	Value	Test Method
Tensile Modulus	2068 MPa	ASTM D638
Tensile Stress, Type I, 5mm/min	24 MPa	ASTM D638
Tensile Strain, Type I, 5mm/min	7.1 %	ASTM D638
Flexural Modulus 1.3mm/min	1997 MPa	ASTM D290
Izod impact, notched, 23 °C	161 J/m	ASTM D256
Izod impact, unnotched, 23 °C	332 J/m	ASTM D256

Electrical Properties	Value	Test Method
Volume Resistivity	4.17E+14	ASTM D257

Thermal Properties	Value	Test Method
HDT, 1.82 MPa, 3.2mm	103 °C	ASTM D648
Coefficient of thermal expansion – flow	76.0 µm/(m*°C)	ASTM E831

Flame Characteristics	Test Method
Flame Characteristics are available on request.	-

The given values are typical values only, which are not intended for design or specification purposes. Test parts were printed on a Stratasys® Fortus 250 mc printer under standard parameters. All parts were printed in flat XY-orientation.

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