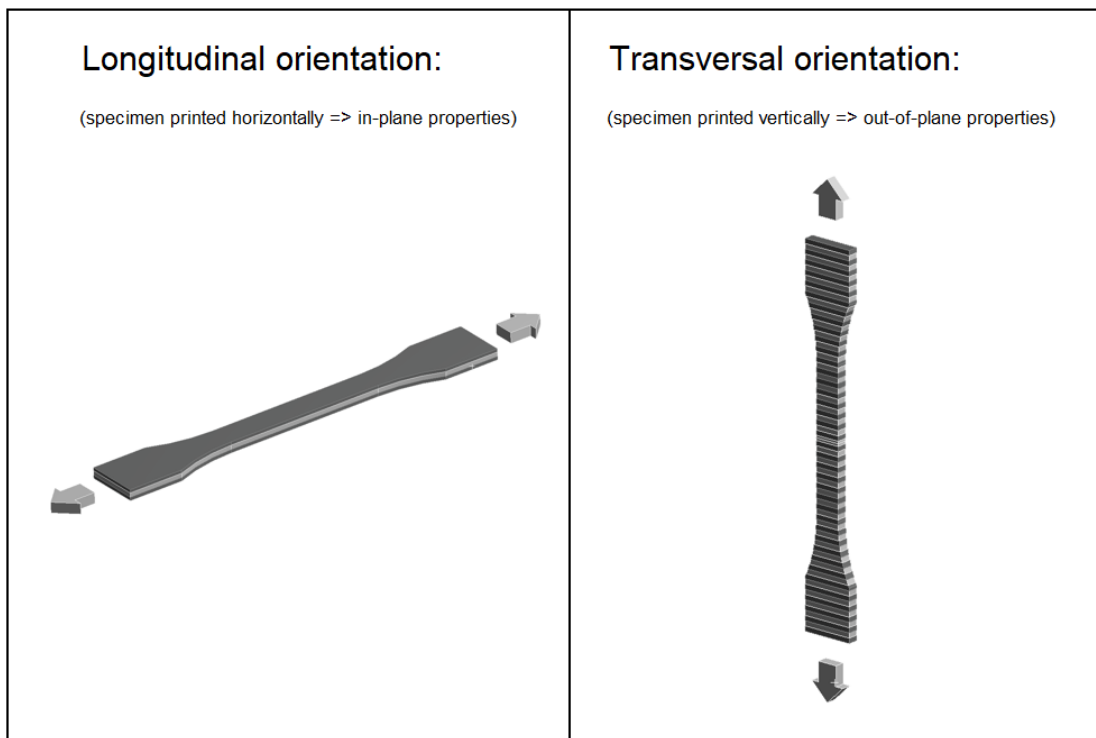
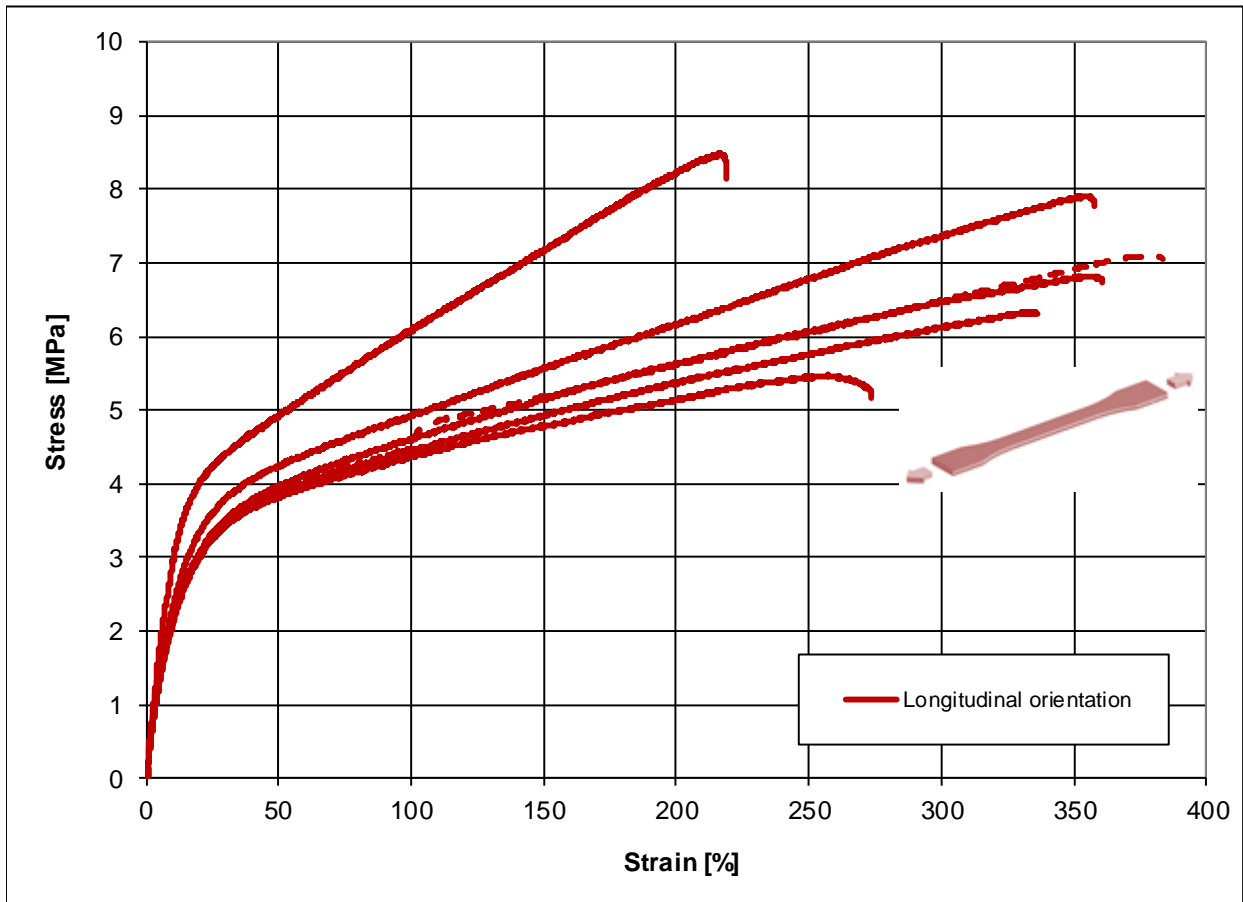


Material:**FLEX****Parameters:**



Supplier		Torwell Technologies
Storage time (delivery-to-print)	dt	24 [month]
String diameter	d	3 [mm]
Layer thickness	h	0.25 [mm]
Perimeter width	w	0.62 [mm]
Flow rate	n	20 [RPM]
Feed rate	v	16 [mm/s]
Extruder temp.	Te	210 [C]
Bed temperature	Tb	75 [C]
Specimen type		CSN EN ISO 527, type B
Test speed	du/dt	20 [mm/min]
Extensometer ref. length	Le	50 [mm]
Extensometer remove dist.	ue	5 [mm]

Material orientation:

Results:



Results summary:

		 Longitudinal orientation:	 Transversal orientation:
Tensile modulus	[MPa]	31 ± 2	- ± -
Tensile strength	[MPa]	6.9 ± 1.0	- ± -
Strain at max. force	[%]	321.3 ± 57.3	- ± -
Stress at break	[MPa]	6.9 ± 1.0	- ± -
Strain at break	[%]	321.3 ± 57.3	- ± -