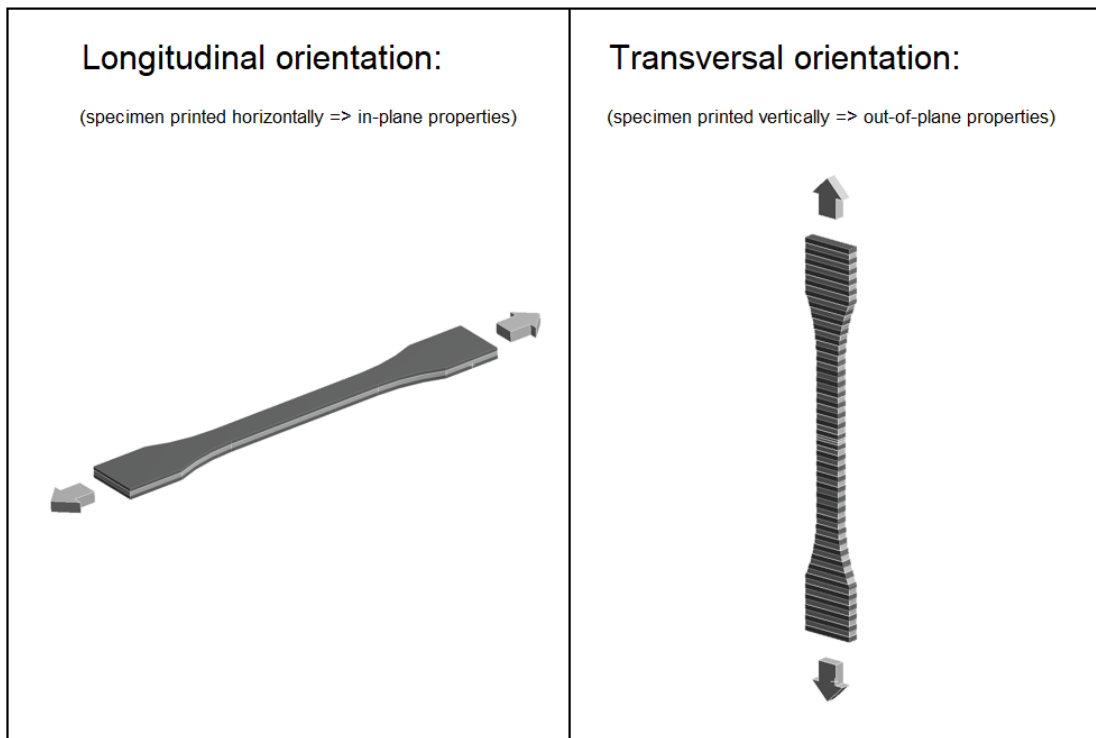
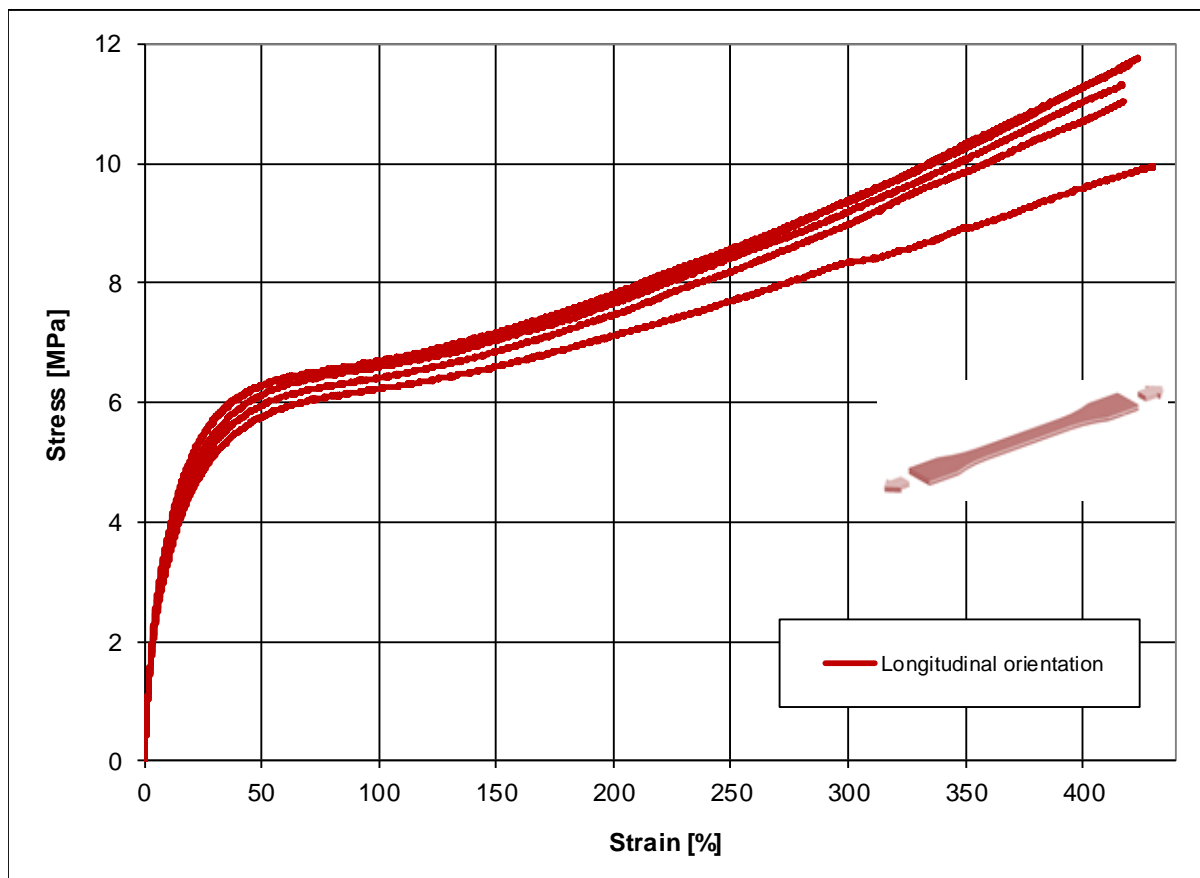


Material:**TPE - ThermoPlastic Elastomer****Parameters:**



Supplier		Gembird
Storage time (delivery-to-print)	dt	<1 [month]
Filament diameter	d	1.75 [mm]
Layer thickness	h	0.2 [mm]
Perimeter width	w	0.44 [mm]
Flow rate	n	40 [RPM]
Feed rate	v	25 [mm/s]
Extruder temp.	Te	220 [C]
Bed temperature	Tb	45 [C]
Printer		ANET A8
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]	66 ± 3	- ± -
Tensile strength	[MPa]	11.1 ± 0.7	- ± -
Strain at max. force	[%]	421.5 ± 4.8	- ± -
Stress at break	[MPa]	11.1 ± 0.7	- ± -
Strain at break	[%]	421.5 ± 4.8	- ± -