

Tensile test Sintratec PA12

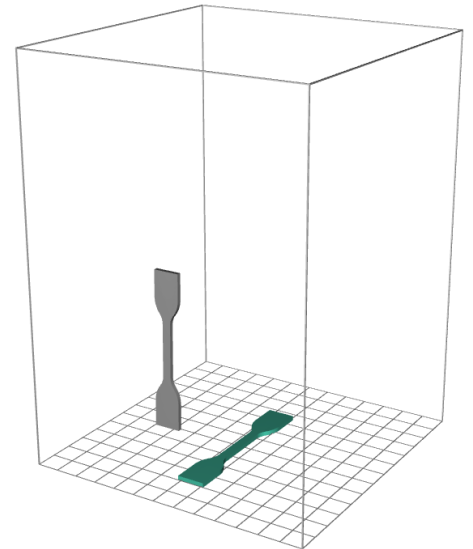
Test standard

DIN EN ISO 527-1

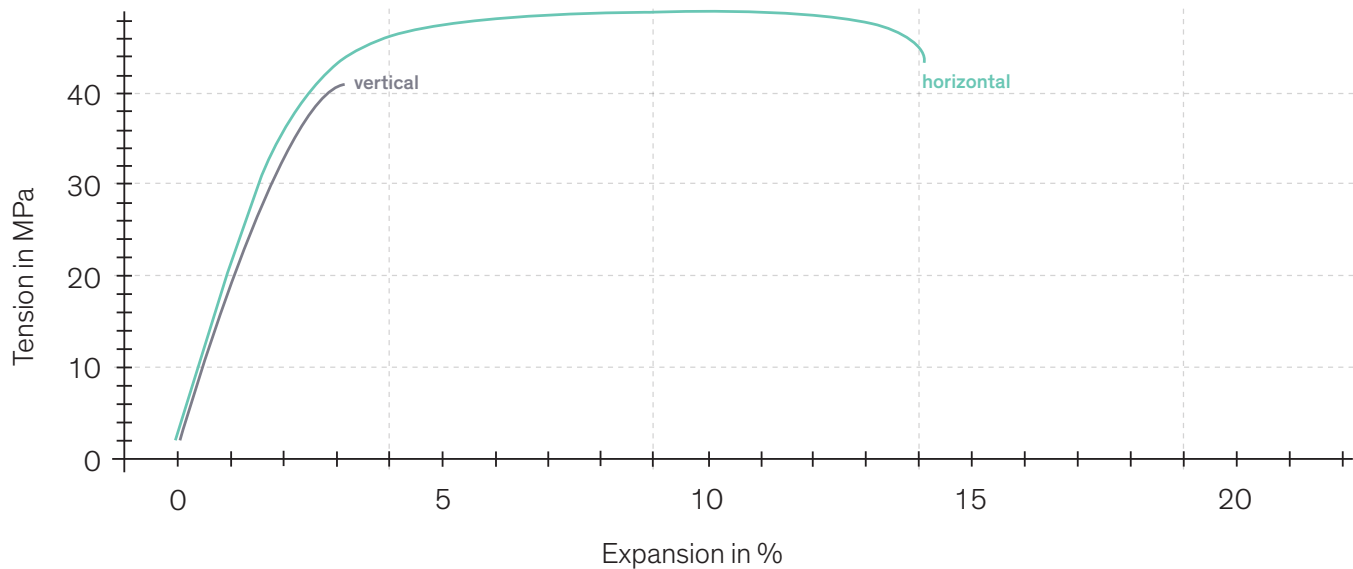
Test specimen

Type 5A printed with the Sintratec S1

	ϵ_{tb} %	b mm	l h mm
Test object horizontal (XY)	–	4.49	2,39
Test object vertical (Z)	–	4,31	2,26



Test graphic



Test results

	E_t MPa	σ_y MPa	ϵ_y %	σ_m MPa	l ϵ_m %	σ_b MPa	ϵ_b %
Test object horizontal (XY)	1610	47,8	8,9	47,8	8,9	43,1	–
Test object vertical (Z)	1750	–	–	40,8	3,1	40,8	3,1

Disclaimer: The illustrated results are an average of different tests using the type 5A test specimen. The results are not to be compared with results from tensile tests that were carried out using a type 1A test specimen. Individual results are not guaranteed and can deviate from these values. Unless it has been explicitly agreed, Sintratec does not guarantee any properties or suitability for a particular purpose.

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