

STRING PROJECT

magic

1,30 mm
mono

temp 25°C - relative humidity 65%



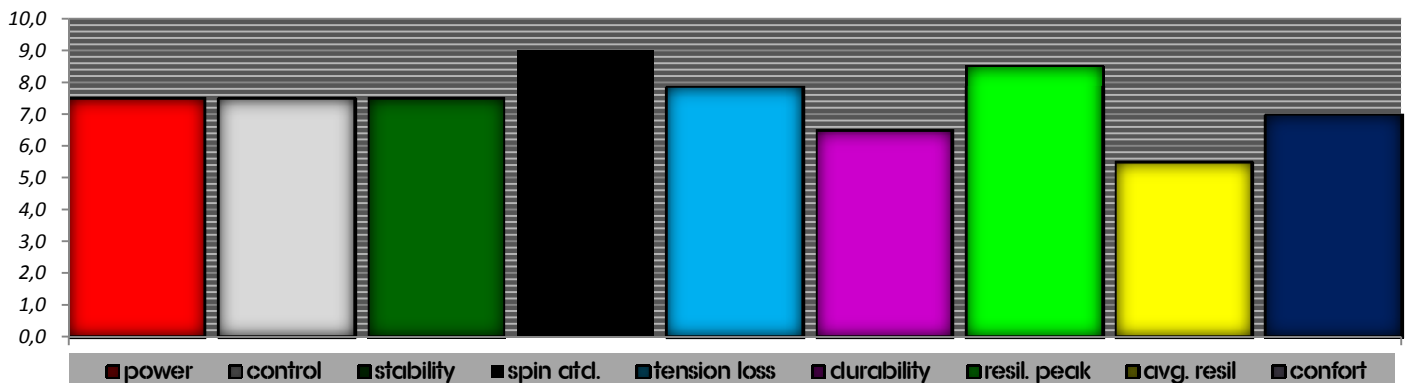
POWER LEVEL	597pnt	7,5/10	power attitude	
CONTROL LEVEL	920pnt	7,5/10	control attitude	6,5/10 stiffness
STABILITY LEVEL	685pnt	6,5/10	stability attitude-consistency	
SPIN POTENTIAL	1,0	9,0/10		
MAX RESILIENCE RANGE	14kg	18kg	maximum resilience range	
RECOMMENDED TENSION	18kg	23kg		
TENSION LOSS INDEX 300	18%	8,0/10	tension loss after 300" - 5mins	
PLAYING LIFE (tension-resilience)	193%	6,5/10	dyn str life	8 - hrs 10 - hrs (approx.)

RESILIENCE PEAK	80kgmm	8,5/10	reactivity level:	high
AVERAGE RESILIENCE	160kgmm	5,5/10	vs gut	5-cycles
STRING PLANE STIFFNESS 22,5kg		4,0/10	new	⇒ 10+/10 used
STRING PLANE STIFFNESS 27,5kg		11,0/10	new	⇒ 10+/10 used

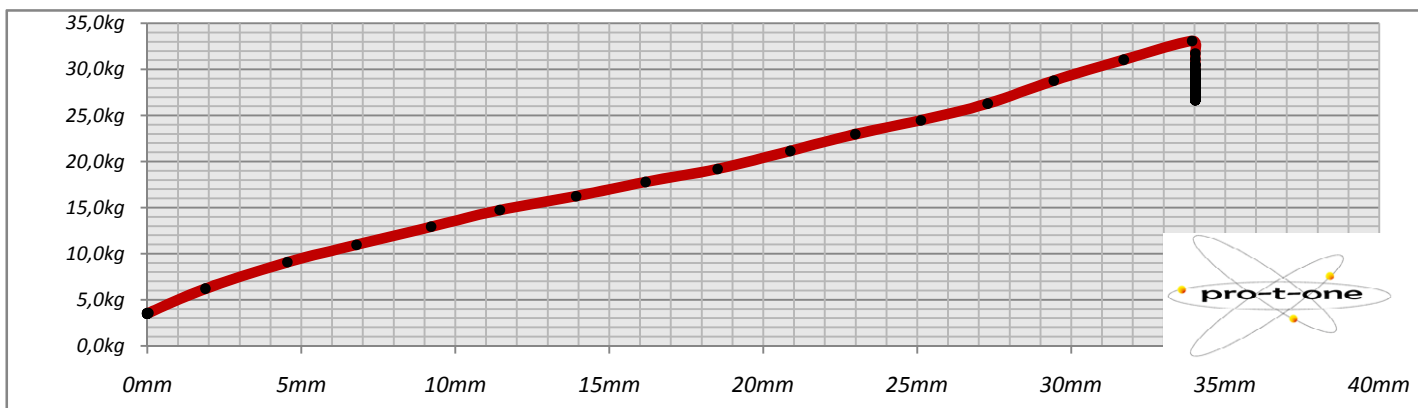
PRESTRECH	YES	recommended %	5%	5%
PROGRESSIVE PLASTICIZATION	YES	def. plast.	4,3mm	5%

		kg/mm			kg/mm	
STATIC STIFFNESS 10-15kg	medium-tough	0,80	new	181%	⇒	1,45 used
STATIC STIFFNESS 15-20kg	medium	0,65	new	208%	⇒	1,35 used
STATIC STIFFNESS 20-25kg	medium	0,75	new	193%	⇒	1,45 used
STATIC STIFFNESS 25-30kg	medium-tough	0,90	new	133%	⇒	1,20 used
STATIC STIFFNESS 30-35kg	tough	1,05	new	119%	⇒	1,25 used
AVG. STATIC STIFFNESS 15-30	medium	0,77	kg/mm			

		g/mm	
DYNAMIC STIFFNESS	225	±2 g/mm	sample time 20ms
	high	8,5/10	reference tension 20kg
STRING STIFFNESS EMULATOR	234	±2 lb/inch	string length 325mm - deflection 10mm
ARM PROT - CONFORT LEVEL	7,0/10	medium	6,0/10 8,6/10

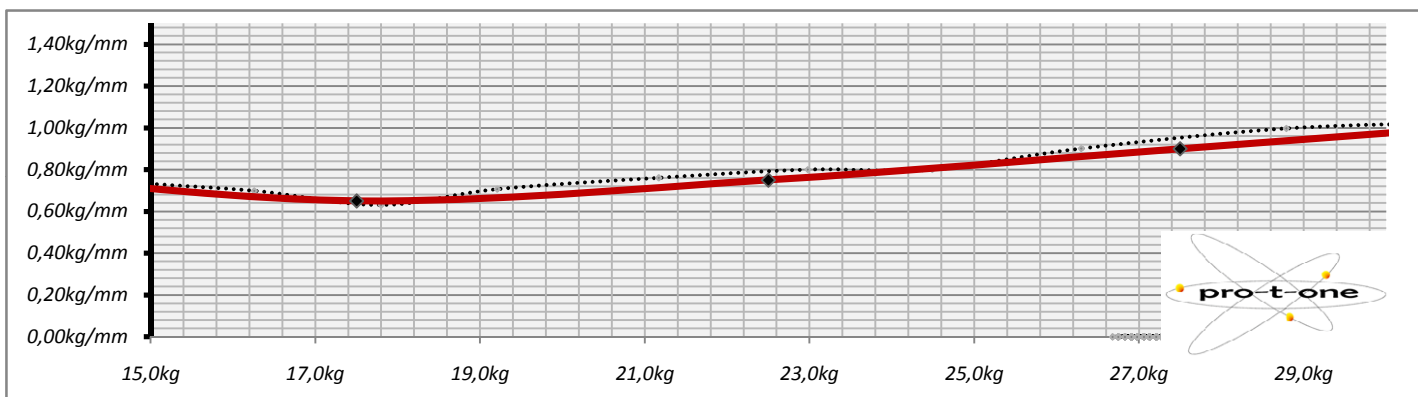


DEFORMATION - LOAD DIAGRAM

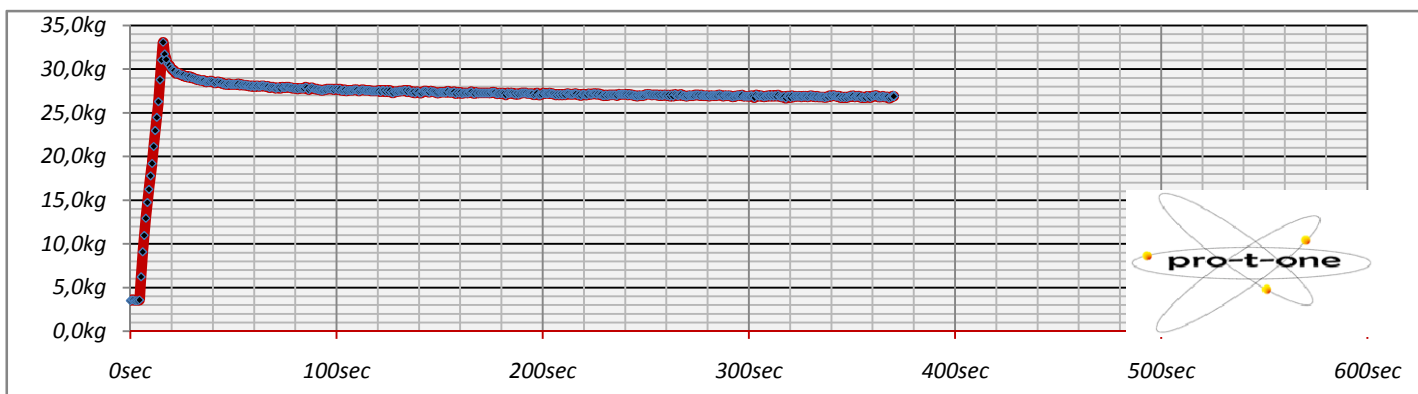


STRING PROJECT	1,30 mm	temp 25°C - relative humidity 65%	
magic mono		sample time	700-800ms
		starting length	300mm
static stiffness 10-15kg	0,80 kg/mm	static stiffness 20-25kg	0,75 kg/mm
static stiffness 15-20kg	0,65 kg/mm	static stiffness 25-30kg	0,90 kg/mm

STRING STATIC STIFFNESS MODULUS



TENSION LOSS DIAGRAM



HYSTERESIS DIAGRAM - LOAD AND UNLOAD CYCLES

