

STRING PROJECT

keen

1,18 mm
mono

temp 25°C - relative humidity 65%



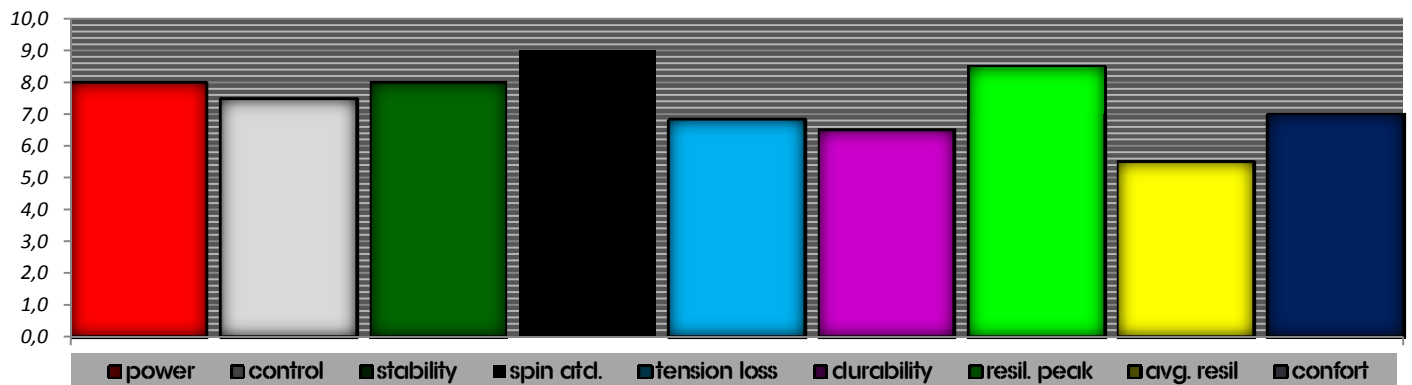
POWER LEVEL	651pnt	8,0/10	power attitude	
CONTROL LEVEL	940pnt	7,5/10	control attitude	7,0/10 stiffness
STABILITY LEVEL	735pnt	7,0/10	stability attitude-consistency	
SPIN POTENTIAL	1,0	9,0/10		
MAX RESILIENCE RANGE	15kg	19kg	maximum resilience range	
RECOMMENDED TENSION	18kg	22kg		
TENSION LOSS INDEX 300	20%	7,0/10	tension loss after 300" - 5mins	
PLAYING LIFE (tension-resilience)	175%	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	4-cycles
STRING PLANE STIFFNESS 22,5kg		4,5/10	new	⇒ 10+/10 used
STRING PLANE STIFFNESS 27,5kg		7,0/10	new	⇒ 10+/10 used

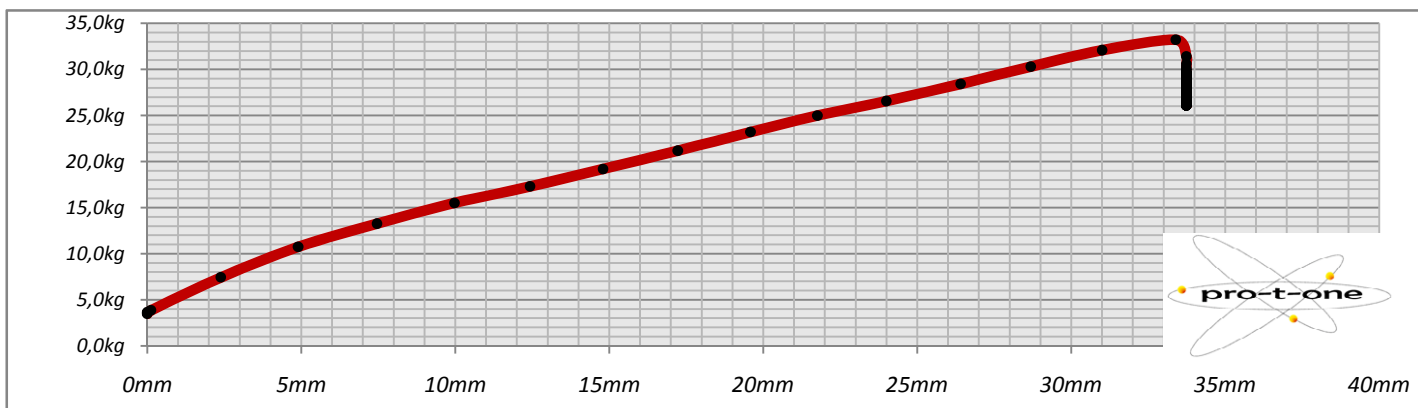
PRESTRECH	NO	recommended %	---	5%
PROGRESSIVE PLASTICIZATION	YES	def. plast.	3,0mm	5%

	kg/mm		kg/mm				
STATIC STIFFNESS 10-15kg	tough	1,15	new	130%	⇒	1,50	used
STATIC STIFFNESS 15-20kg	medium-tough	0,80	new	175%	⇒	1,40	used
STATIC STIFFNESS 20-25kg	medium-tough	0,80	new	175%	⇒	1,40	used
STATIC STIFFNESS 25-30kg	medium	0,75	new	147%	⇒	1,10	used
STATIC STIFFNESS 30-35kg	medium	0,75	new	133%	⇒	1,00	used
AVG. STATIC STIFFNESS 15-30	medium	0,78	kg/mm				

	g/mm				
DYNAMIC STIFFNESS	228	±2 g/mm	sample time 20ms		
	high	8,5/10	reference tension 20kg		
STRING STIFFNESS EMULATOR	237	±2 lb/inch	string length 325mm - deflection 10mm		
ARM PROT - CONFORT LEVEL	7,0/10	medium	5,9/10	8,5/10	

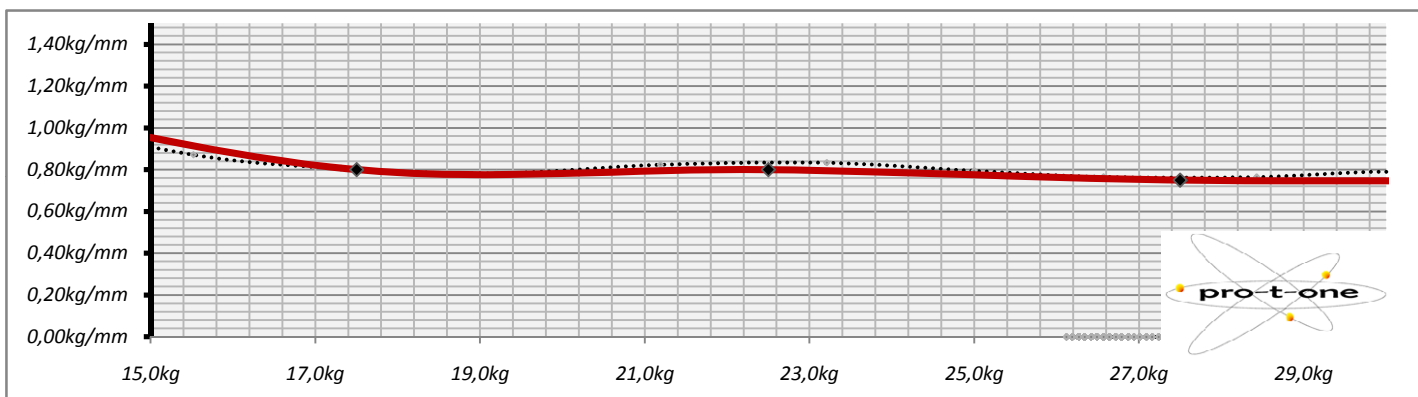


DEFORMATION - LOAD DIAGRAM

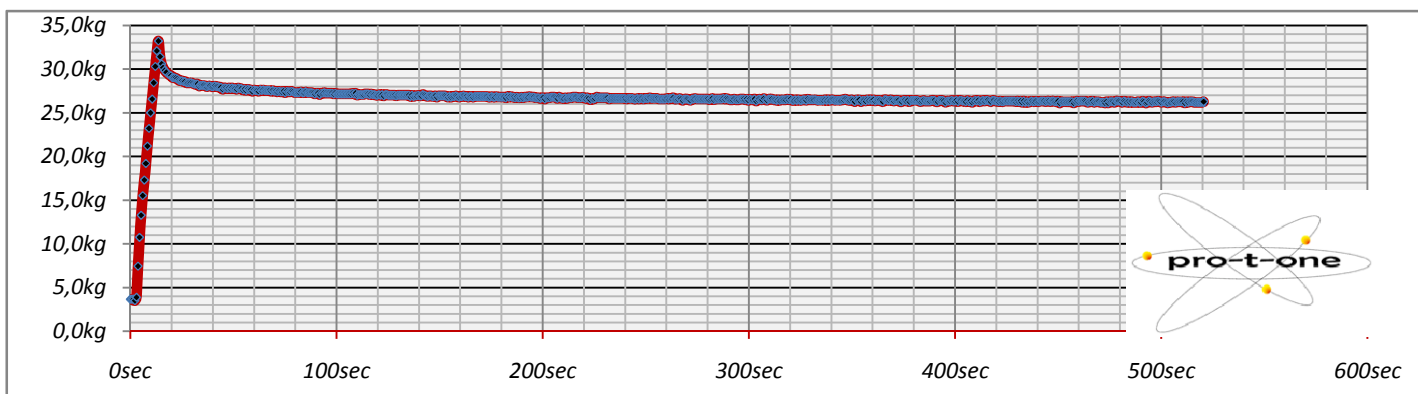


STRING PROJECT	1,18 mm	temp 25°C - relative humidity 65%	
keen mono		sample time	700-800ms
		starting length	300mm
static stiffness 10-15kg	1,15 kg/mm	static stiffness 20-25kg	0,80 kg/mm
static stiffness 15-20kg	0,80 kg/mm	static stiffness 25-30kg	0,75 kg/mm

STRING STATIC STIFFNESS MODULUS



TENSION LOSS DIAGRAM



HYSTERESIS DIAGRAM - LOAD AND UNLOAD CYCLES

