

# STRING PROJECT

## gold multi

1,30 mm  
multi

temp 25°C - relative humidity 65%



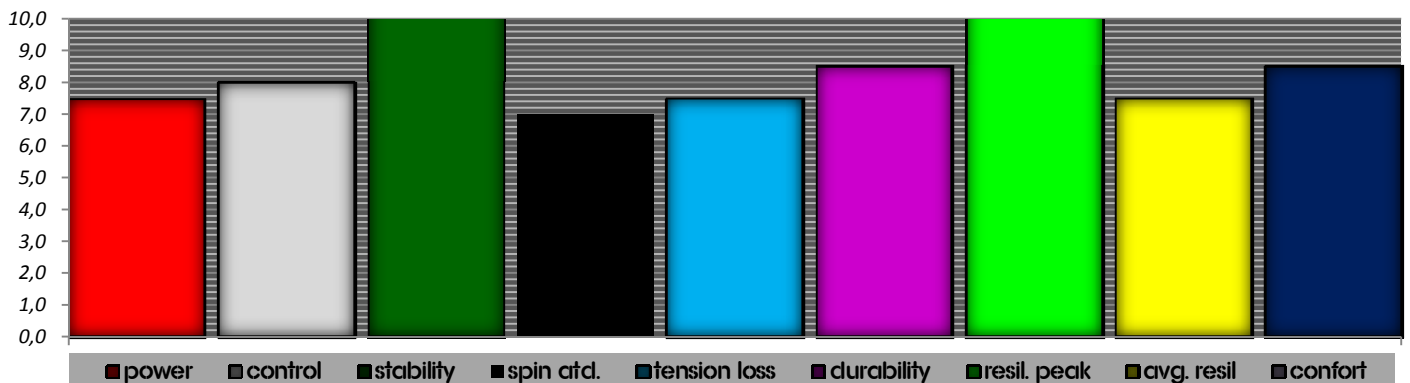
<b>POWER LEVEL</b>	599pnt	7,5/10	power attitude	
<b>CONTROL LEVEL</b>	940pnt	8,0/10	control attitude	6,5/10 stiffness
<b>STABILITY LEVEL</b>	1120pnt	10+/10	stability attitude-consistency	
<b>SPIN POTENTIAL</b>	1,5	7,0/10		
<b>MAX RESILIENCE RANGE</b>	15kg	19kg	maximum resilience range	
<b>RECOMMENDED TENSION</b>	18kg	23kg		
<b>TENSION LOSS INDEX 300</b>	19%	7,5/10	tension loss after 300" - 5mins	
<b>PLAYING LIFE (tension-resilience)</b>	147%	8,5/10	dyn str life	25 - hrs 30 - hrs (approx.)

<b>RESILIENCE PEAK</b>	110kgmm	10+/10	reactivity level:	high ++
<b>AVERAGE RESILIENCE</b>	220kgmm	7,5/10	vs gut	3-cycles
<b>STRING PLANE STIFFNESS 22,5kg</b>		4,0/10	new	8,5/10 used
<b>STRING PLANE STIFFNESS 27,5kg</b>		9,0/10	new	11,5/10 used

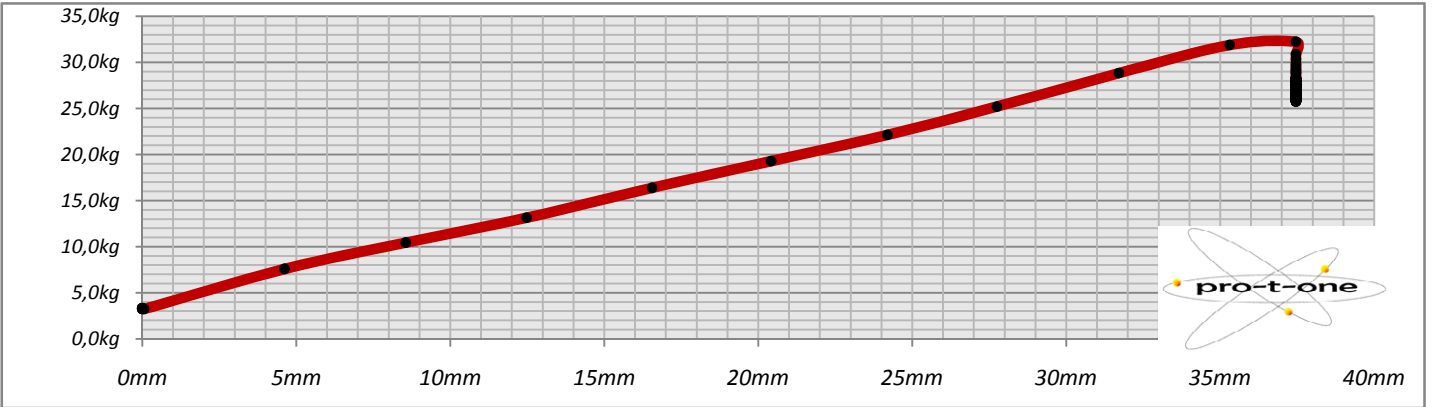
<b>PRESTRECH</b>	NO	recommended %	---	5%
<b>PROGRESSIVE PLASTICIZATION</b>	YES	def. plast.	2,0mm	5%

	kg/mm		kg/mm				
<b>STATIC STIFFNESS 10-15kg</b>	medium	0,75	new	127%	⇨	0,95	used
<b>STATIC STIFFNESS 15-20kg</b>	medium	0,75	new	133%	⇨	1,00	used
<b>STATIC STIFFNESS 20-25kg</b>	medium	0,75	new	147%	⇨	1,10	used
<b>STATIC STIFFNESS 25-30kg</b>	medium-tough	0,85	new	135%	⇨	1,15	used
<b>STATIC STIFFNESS 30-35kg</b>	medium	0,75	new	153%	⇨	1,15	used
<b>AVG. STATIC STIFFNESS 15-30</b>	medium	0,78	kg/mm				

	g/mm				
<b>DYNAMIC STIFFNESS</b>	152	±2 g/mm	sample time 20ms		
	low	4,0/10	reference tension 20kg		
<b>STRING STIFFNESS EMULATOR</b>	165	±2 lb/inch	string length 325mm - deflection 10mm		
<b>ARM PROT - CONFORT LEVEL</b>	8,5/10	high	8,1/10	8,5/10	

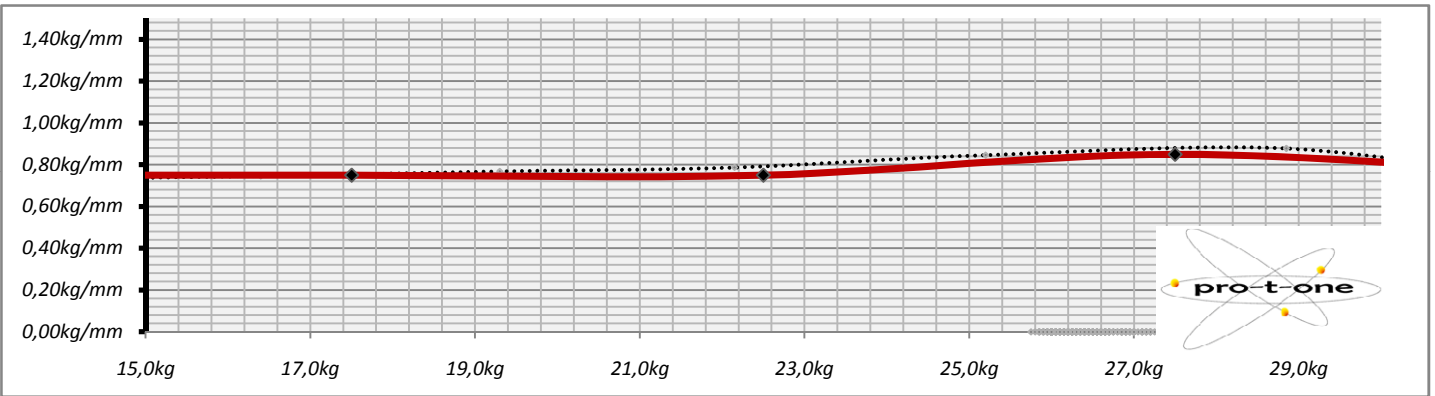


# DEFORMATION - LOAD DIAGRAM

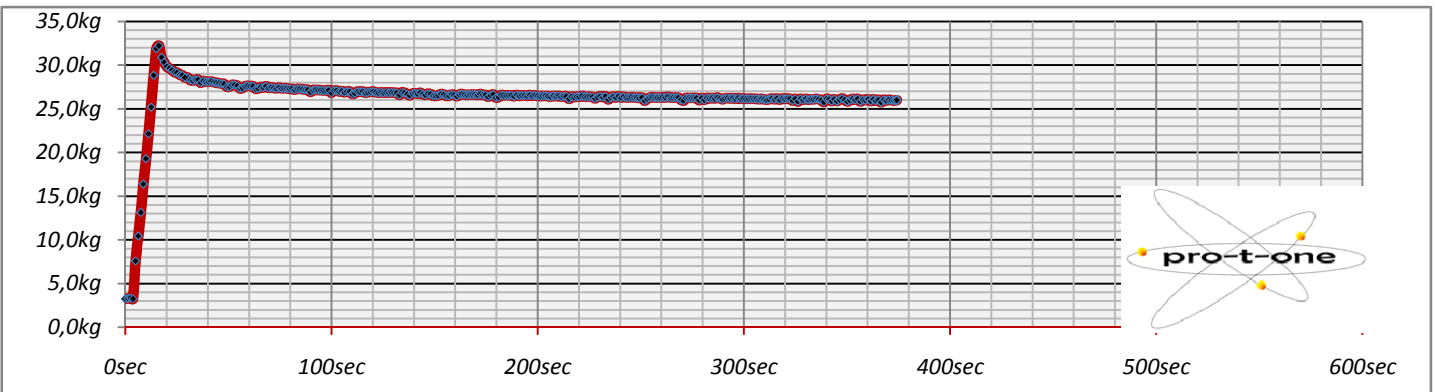


<b>STRING PROJECT</b> <b>gold multi</b> <b>multi</b>	<b>1,30 mm</b>	temp 25°C - relative humidity 65%	
		<b>sample time</b>	<b>1000-1200ms</b>
		<b>starting length</b>	<b>300mm</b>
<b>static stiffness 10-15kg</b>	<b>0,75 kg/mm</b>	<b>static stiffness 20-25kg</b>	<b>0,75 kg/mm</b>
<b>static stiffness 15-20kg</b>	<b>0,75 kg/mm</b>	<b>static stiffness 25-30kg</b>	<b>0,85 kg/mm</b>

# STRING STATIC STIFFNESS MODULUS



# TENSION LOSS DIAGRAM



# HYSTERESIS DIAGRAM - LOAD AND UNLOAD CYCLES

