

STRING PROJECT

armour soft

1,25 mm
mono

temp 25°C - relative humidity 65%



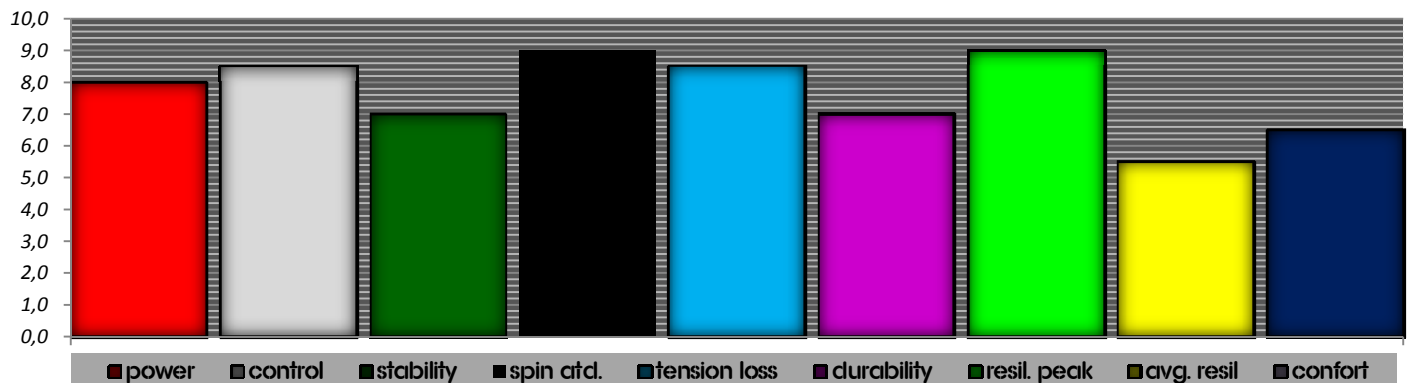
POWER LEVEL	658pnt	8,0/10	power attitude		
CONTROL LEVEL	1060pnt	8,5/10	control attitude	8,5/10	stiffness
STABILITY LEVEL	722pnt	7,0/10	stability attitude-consistency		
SPIN POTENTIAL	1,0	9,0/10			
MAX RESILIENCE RANGE	15kg	19kg	maximum resilience range		
RECOMMENDED TENSION	18kg	22kg			
TENSION LOSS INDEX 300	17%	9,0/10	tension loss after 300" - 5mins		
PLAYING LIFE (tension-resilience)	167%	7,0/10	dyn str life	8 - hrs	12 - hrs (approx.)

RESILIENCE PEAK	85kgmm	9,0/10	reactivity level:	high ++
AVERAGE RESILIENCE	160kgmm	5,5/10	vs gut	5-cycles
STRING PLANE STIFFNESS 22,5kg		5,5/10	new	⇒ 10+/10 used
STRING PLANE STIFFNESS 27,5kg		8,5/10	new	⇒ 10+/10 used

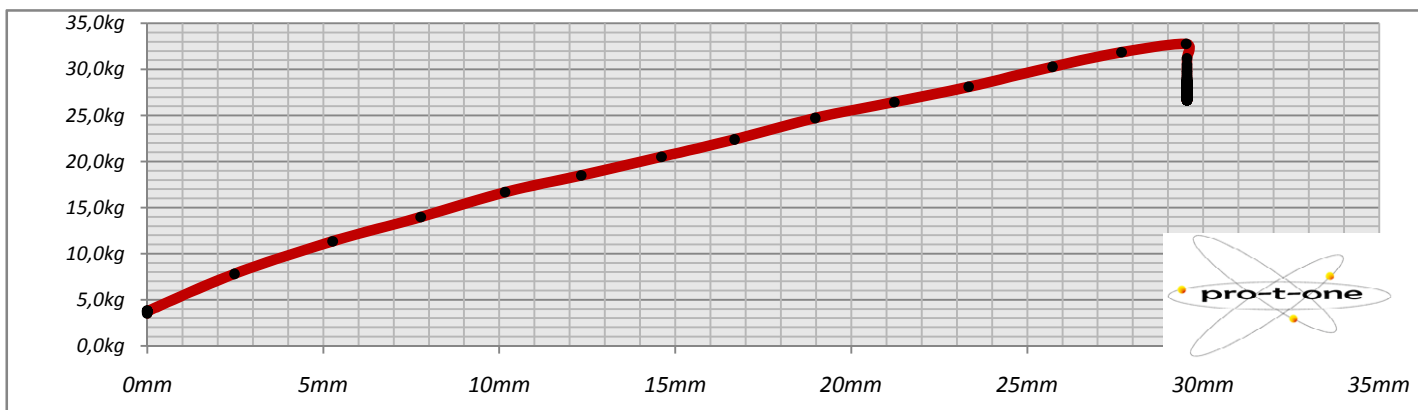
PRESTRECH	NO	recommended %	---	5%
PROGRESSIVE PLASTICIZATION	YES	def. plast.	3,0mm	5%

		kg/mm			kg/mm	
STATIC STIFFNESS 10-15kg	tough	1,20	new	129%	⇒	1,55 used
STATIC STIFFNESS 15-20kg	medium-tough	0,95	new	158%	⇒	1,50 used
STATIC STIFFNESS 20-25kg	medium-tough	0,90	new	167%	⇒	1,50 used
STATIC STIFFNESS 25-30kg	medium-tough	0,80	new	175%	⇒	1,40 used
STATIC STIFFNESS 30-35kg	medium-tough	0,80	new	175%	⇒	1,40 used
AVG. STATIC STIFFNESS 15-30	med-tough	0,88	kg/mm			

		g/mm	
DYNAMIC STIFFNESS	235	±2 g/mm	sample time 20ms
	high	9,0/10	reference tension 20kg
STRING STIFFNESS EMULATOR	244	±2 lb/inch	string length 325mm - deflection 10mm
ARM PROT - CONFORT LEVEL	6,5/10	medium	5,7/10 7,8/10

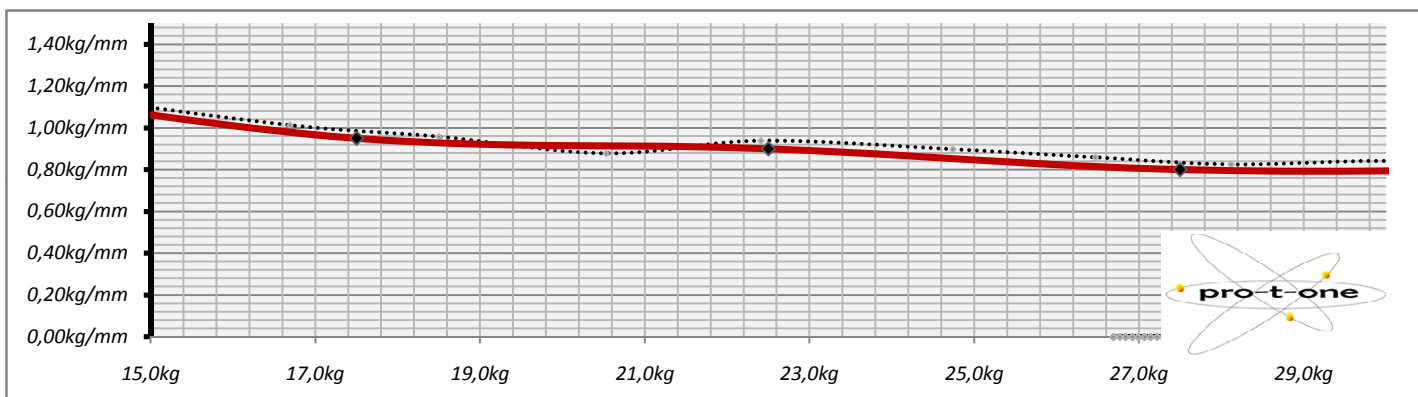


DEFORMATION - LOAD DIAGRAM

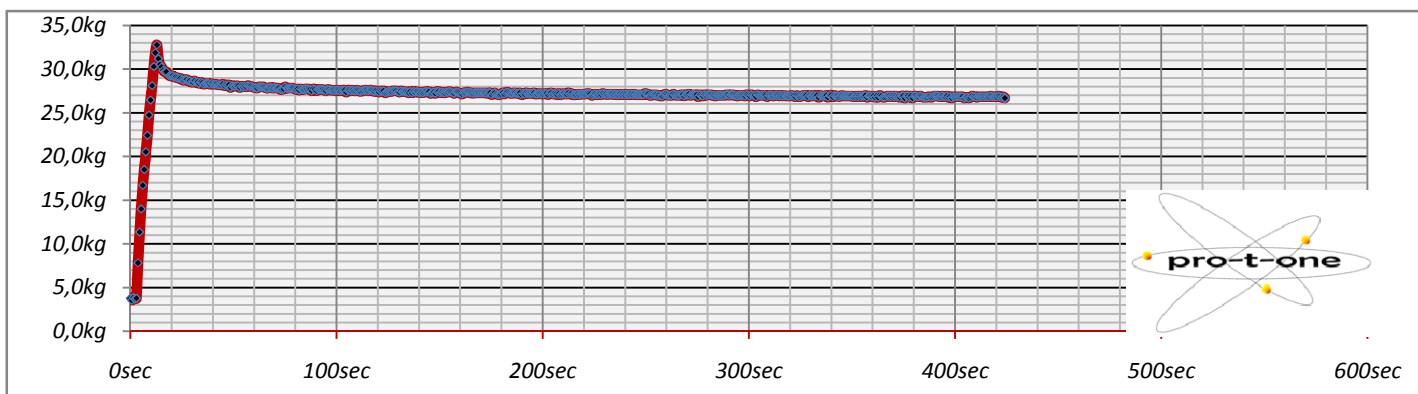


STRING PROJECT armour soft mono	1,25 mm	temp 25°C - relative humidity 65%	
		sample time	700-800ms
		starting length	300mm
static stiffness 10-15kg	1,20 kg/mm	static stiffness 20-25kg	0,90 kg/mm
static stiffness 15-20kg	0,95 kg/mm	static stiffness 25-30kg	0,80 kg/mm

STRING STATIC STIFFNESS MODULUS



TENSION LOSS DIAGRAM



HYSTERESIS DIAGRAM - LOAD AND UNLOAD CYCLES

