

**Tipo/Type: 3.1**

CLIENTE / Customer: **PRODALAM S.A.**

CERTIFICADO Nº / Certificate Nr.: **02271/24**

GUIA DE REMESSA / Delivery Number: **0140029716**

DATA / Date: **06.08.2024**

PESO / Weight (Kg): **95.340**

QUANTIDADE / Quantity (Un): **32**

DESIGNAÇÃO DO PRODUTO / Product Designation: **7-WIRE STRAND 3/8" (9,53 MM) 270K (1860)**

DIÂMETRO NOMINAL / Nominal Diameter: **0,000** mm

NORMA / Standard: **ASTM A416: 2018**

CLASSE RESISTÊNCIA / Nominal tensile strength (MPa): **1860**

TIPO DE SUPERFÍCIE / Surface type: **SMOOTH**

Heat Lote	Coil Nr	Weight (kg)	S <sub>o</sub> (mm <sup>2</sup> )	F <sub>m</sub> (kN)	R <sub>m</sub> (N/mm <sup>2</sup> )	P/M (g/m)	CURVATURE (mm)	F <sub>p0.1</sub> (kN)	F <sub>p0.2</sub> (kN)	F <sub>t1%</sub> (kN)	A <sub>gt</sub> (%)	E (GPa)
412057	1/1	2922	54,66	110,8	2.021	426,9	3	99,3	101,2	99,6	6,4	205
412057	2/1	2926	54,73	110,3	2.013	427,4	4	98,1	100,7	98,4	4,4	202
412057	3/1	2926	54,74	109,9	2.006	427,5	3	97,5	100,1	97,3	4,5	202
412057	4/1	2928	54,79	110,1	2.009	427,9	4	98,1	100,6	96,9	4,6	195
412057	5/1	2930	54,77	110,8	2.021	427,8	3	98,5	100,9	98,0	5,2	201
412057	6/1	2932	54,87	111,3	2.032	428,5	2	98,7	101,1	97,7	6,1	200
412057	7/1	3006	54,70	109,0	1.988	427,2	3	98,6	100,4	98,0	4,5	198
412057	8/1	3006	54,83	110,7	2.020	428,2	4	98,2	100,4	98,2	6,1	200
412057	9/1	3012	54,89	109,8	2.004	428,7	3	99,4	101,6	98,1	4,1	193
412057	10/1	3014	54,89	111,3	2.031	428,7	3	98,9	101,2	98,8	6,2	197
412057	11/1	2396	54,93	110,8	2.022	429,0	2	98,5	100,6	98,2	6,0	192
412057	12/1	3016	54,92	111,2	2.028	429,0	3	96,9	100,0	98,1	6,2	205
412057	14/1	3086	54,66	109,6	1.999	426,9	2	98,4	100,0	99,3	6,2	195
412057	15/1	2980	54,83	110,3	2.013	428,2	2	97,1	99,4	98,0	6,5	203
412057	16/1	2980	54,98	110,6	2.019	429,4	2	98,6	100,2	100,0	6,0	205
412057	17/1	2980	55,10	110,6	2.018	430,4	2	96,7	99,4	99,0	6,2	205
412057	18/1	2986	55,06	111,0	2.026	430,0	5	97,1	99,9	98,4	6,2	203
412057	19/1	2984	55,13	111,4	2.032	430,6	4	98,0	100,5	99,1	6,0	205
420002	1/1	3014	54,92	109,0	1.990	428,9	4	98,6	100,0	99,0	6,4	205

Obs.:

**COMPOSIÇÃO QUÍMICA / Chemical Composition:**

Heat	(%) C	(%) Si	(%) Mn	(%) P	(%) S
412057	0,82	0,18	0,72	0,011	0,012
420002	0,81	0,18	0,72	0,011	0,011

**CONTROLO DE QUALIDADE**  
*Quality Control*  
**Vitor Rúa**  
*Resp. Qualidade*

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CERTIFICADO Nº / Certificate Nr.: **02271/24**

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PESO / Weight (Kg): **95.340**

QUANTIDADE / Quantity (Un): **32**

DESIGNAÇÃO DO PRODUTO / Product Designation: **7-WIRE STRAND 3/8" (9,53 MM) 270K (1860)**

DIÂMETRO NOMINAL / Nominal Diameter: **0,000** mm

NORMA / Standard: **ASTM A416: 2018**

CLASSE RESISTÊNCIA / Nominal tensile strength (MPa): **1860**

TIPO DE SUPERFÍCIE / Surface type: **SMOOTH**

Heat Lote	Coil Nr	Weight (kg)	S <sub>o</sub> (mm <sup>2</sup> )	F <sub>m</sub> (kN)	R <sub>m</sub> (N/mm <sup>2</sup> )	P/M (g/m)	CURVATURE (mm)	F <sub>p0.1</sub> (kN)	F <sub>p0.2</sub> (kN)	F <sub>t1%</sub> (kN)	A <sub>gt</sub> (%)	E (GPa)
420002	2/1	3018	55,02	109,7	2.003	429,7	3	97,2	99,4	96,6	5,7	191
420002	3/1	3018	55,03	111,1	2.027	429,8	2	97,6	100,0	98,3	6,1	202
420002	4/1	3022	55,05	110,6	2.018	429,9	2	97,7	100,0	97,9	6,3	196
420002	5/1	3026	55,12	110,0	2.008	430,5	2	96,6	99,2	97,7	6,1	196
420002	6/1	2972	55,13	109,9	2.005	430,6	3	96,7	99,1	97,5	5,8	201
420002	7/1	3056	55,80	110,4	2.015	435,8	3	99,5	101,3	99,9	6,0	202
420002	8/1	3056	55,96	110,6	2.019	437,0	3	98,1	100,5	99,7	5,8	201
420002	9/1	3058	56,03	111,7	2.038	437,6	3	98,9	101,6	97,9	5,4	194
420002	10/1	2992	55,99	111,7	2.038	437,3	3	98,5	101,1	98,3	6,2	194
420002	11/1	3024	55,47	110,9	2.023	433,2	3	99,7	101,8	98,3	6,2	195
420002	12/1	3026	55,42	110,8	2.022	432,8	3	100,8	102,2	100,3	6,0	199
420002	13/1	3030	55,49	110,9	2.024	433,4	3	99,6	101,8	99,2	5,1	197
420002	14/1	3018	55,74	110,5	2.016	435,3	4	99,0	101,1	99,3	6,1	201

Obs.:

CONTROLO DE QUALIDADE  
 Quality Control  
*Vitor Rua*  
 Resp. Qualidade



### Inspection report:

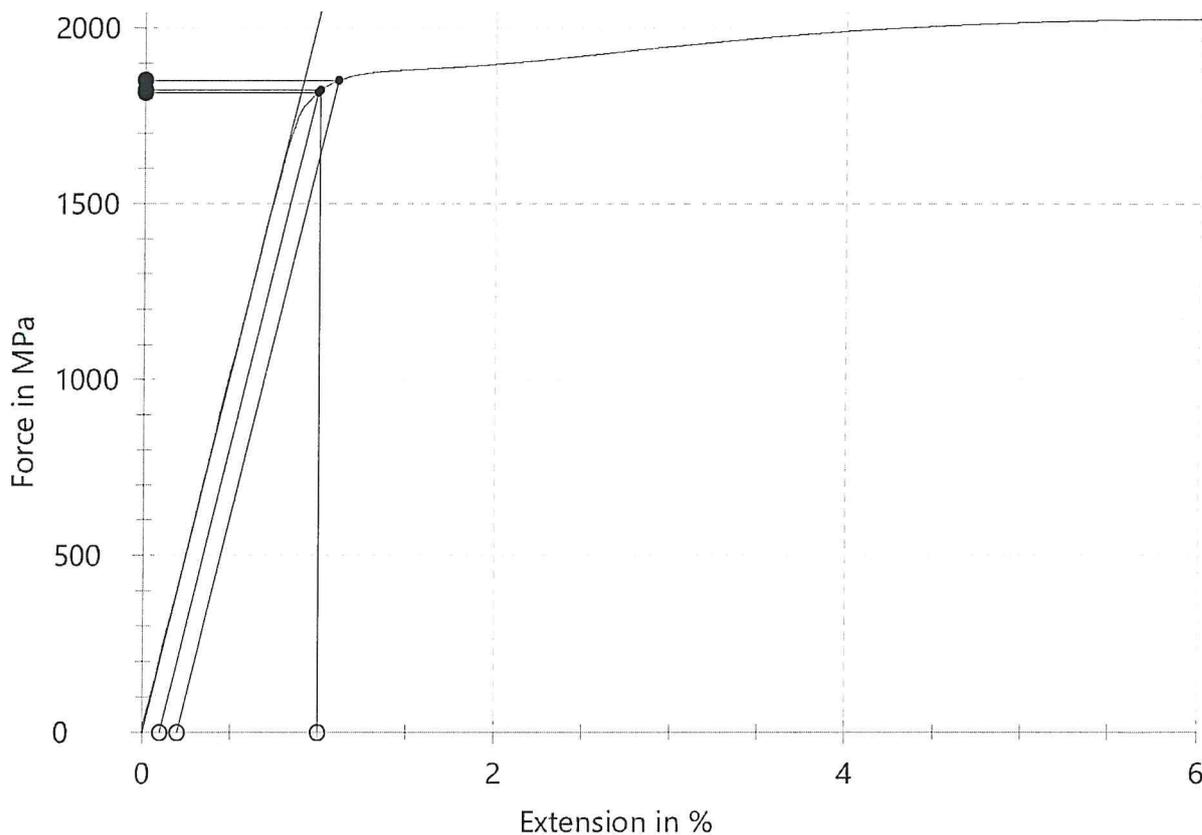
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026550	01/1	426,9	54,66	205	99,3	1817	101,2	99,6	110,8	2021	90

Fp0,2/Fm %	Agt %	Curvature mm
91	6,4	3

### Curve:



### Inspection report:

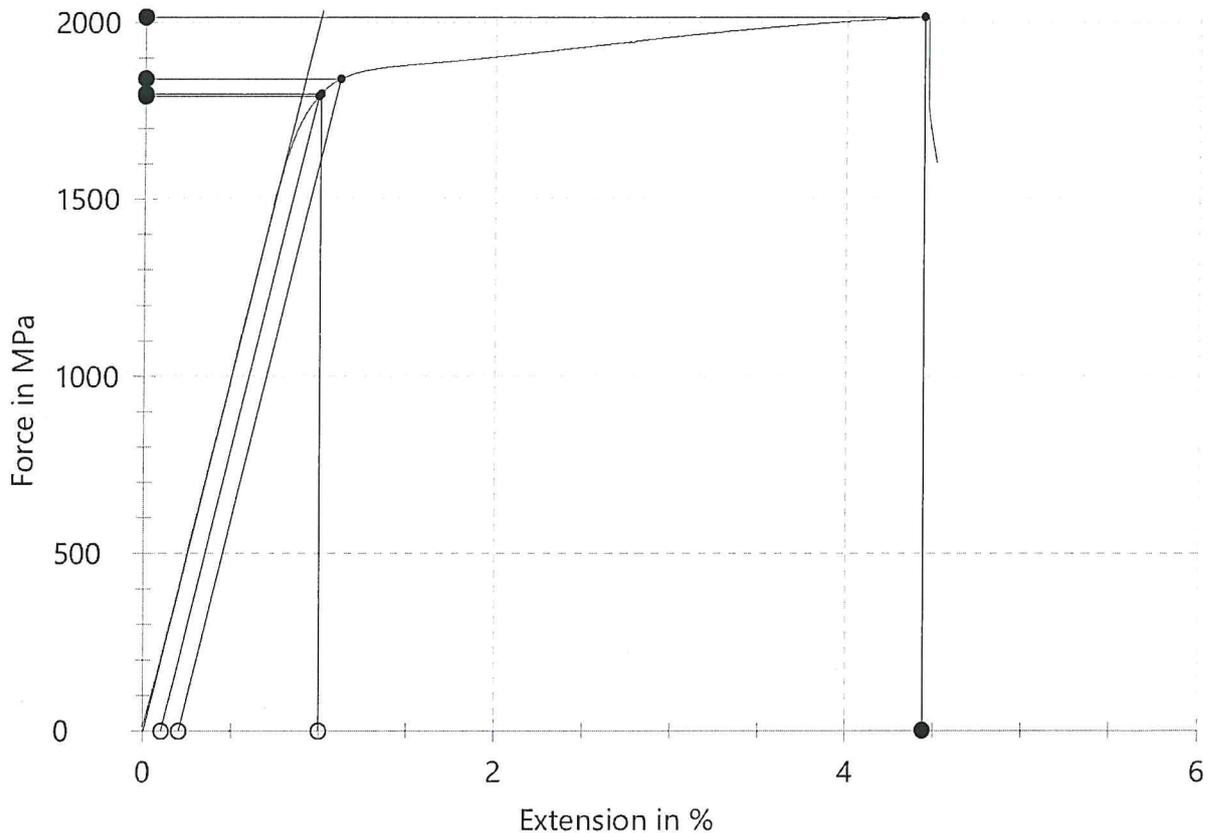
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

#### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	F <sub>p0,1</sub> kN	R <sub>p0,1</sub> MPa	F <sub>p0,2</sub> kN	F <sub>t1</sub> kN	F <sub>m</sub> kN	R <sub>m</sub> MPa	F <sub>p0,1</sub> /F <sub>m</sub> %
240026551	02/1	427,4	54,73	202	98,1	1792	100,7	98,4	110,3	2013	89

F <sub>p0,2</sub> /F <sub>m</sub> %	Agt %	Curvature mm
91	4,4	4

#### Curve:





### Inspection report:

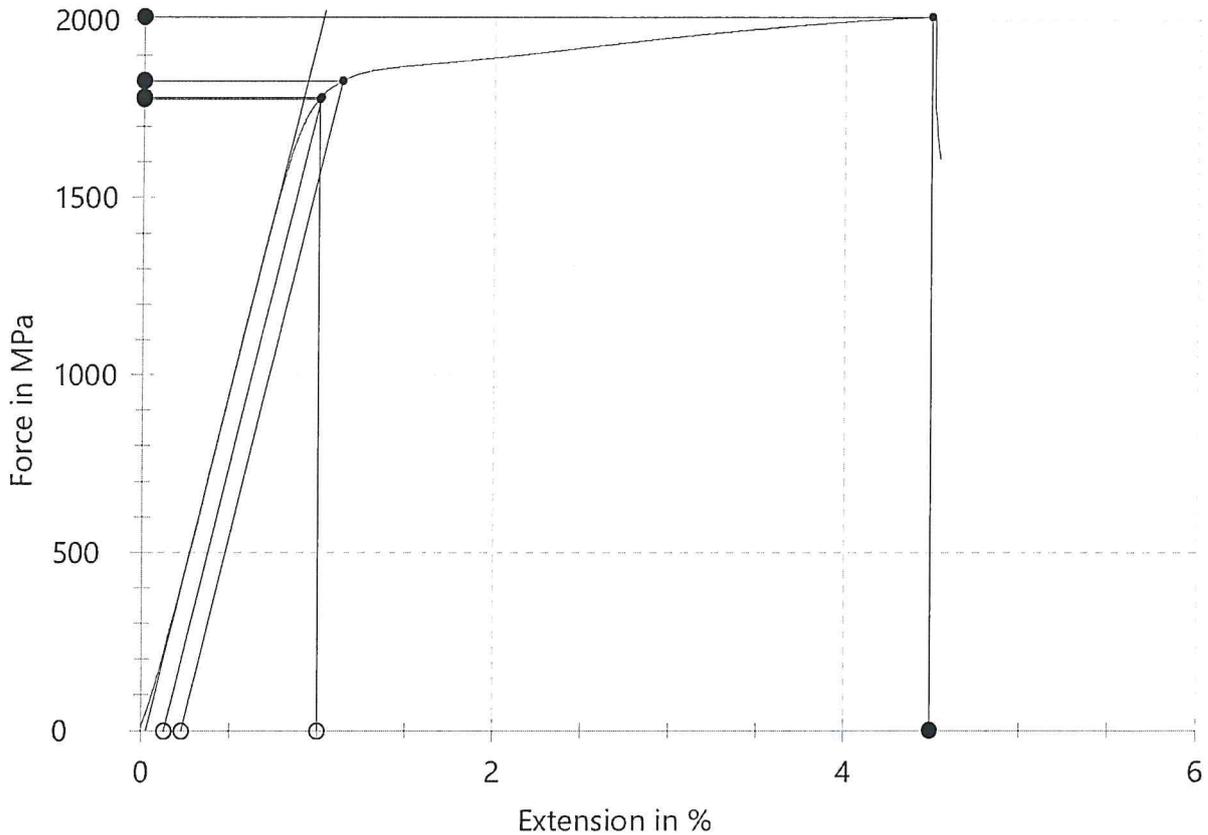
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026552	03/1	427,5	54,74	202	97,5	1782	100,1	97,3	109,9	2006	89

Fp0,2/Fm %	Agt %	Curvature mm
91	4,5	3

### Curve:





### Inspection report:

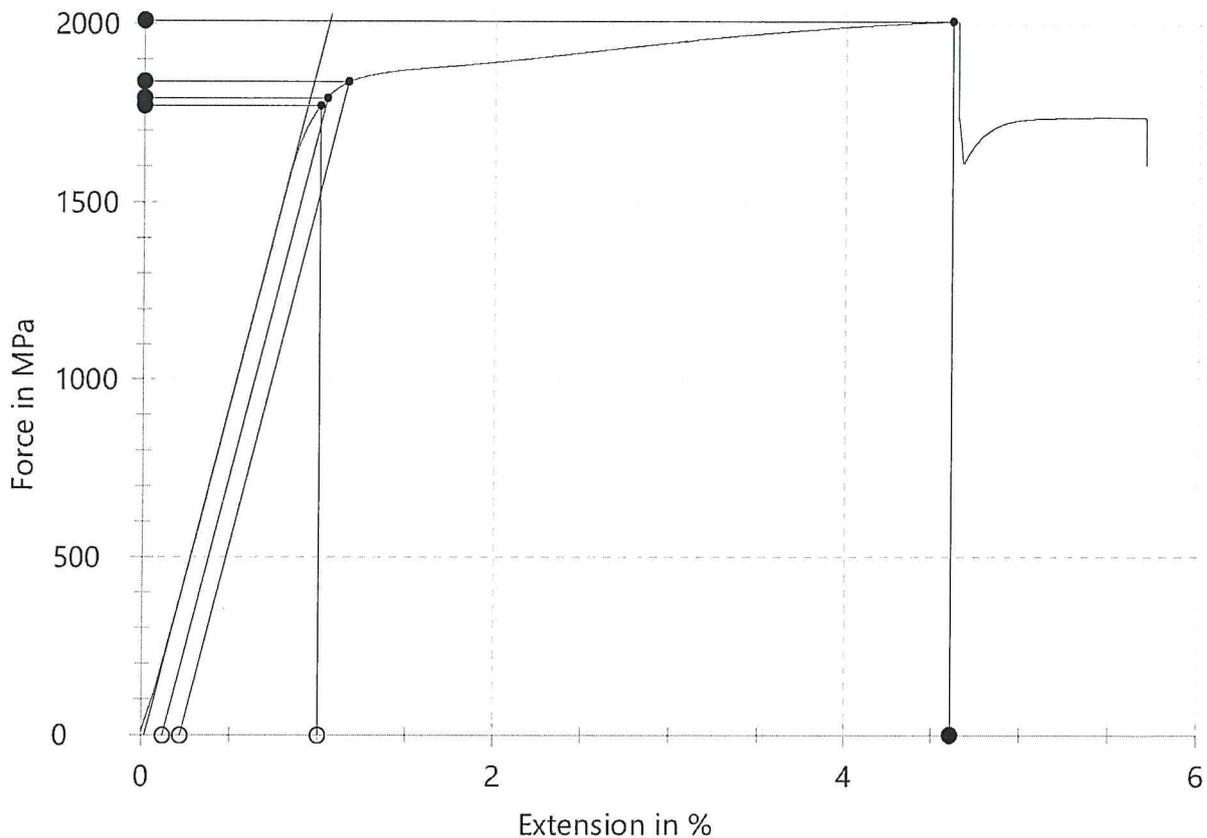
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	F <sub>p0,1</sub> kN	R <sub>p0,1</sub> MPa	F <sub>p0,2</sub> kN	F <sub>t1</sub> kN	F <sub>m</sub> kN	R <sub>m</sub> MPa	F <sub>p0,1</sub> /F <sub>m</sub> %
240026563	04/1	427,9	54,79	195	98,1	1791	100,6	96,9	110,1	2009	89

F <sub>p0,2</sub> /F <sub>m</sub> %	Agt %	Curvature mm
91	4,6	4

### Curve:





### Inspection report:

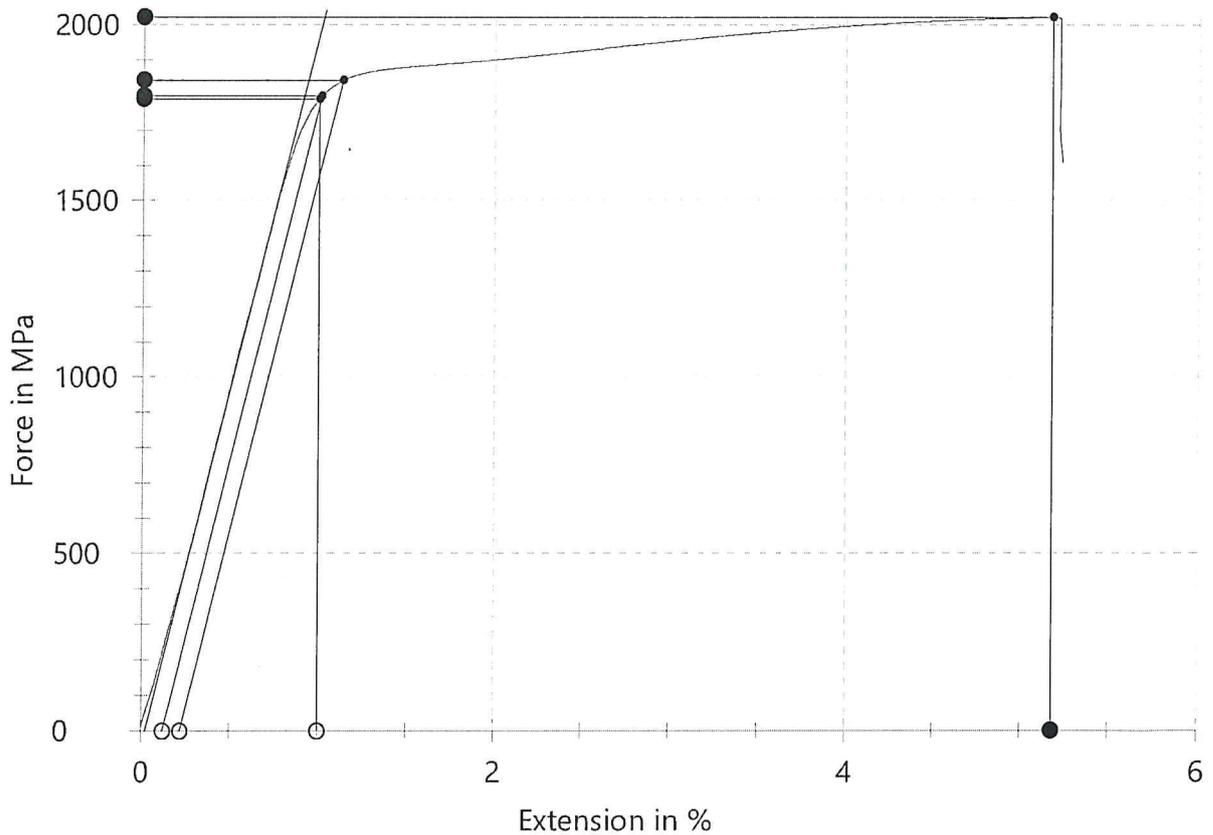
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	F <sub>p0,1</sub> kN	R <sub>p0,1</sub> MPa	F <sub>p0,2</sub> kN	F <sub>t1</sub> kN	F <sub>m</sub> kN	R <sub>m</sub> MPa	F <sub>p0,1</sub> /F <sub>m</sub> %
240026575	05/1	427,8	54,77	201	98,5	1798	100,9	98,0	110,8	2021	89

F <sub>p0,2</sub> /F <sub>m</sub> %	Agt %	Curvature mm
91	5,2	3

### Curve:





### Inspection report:

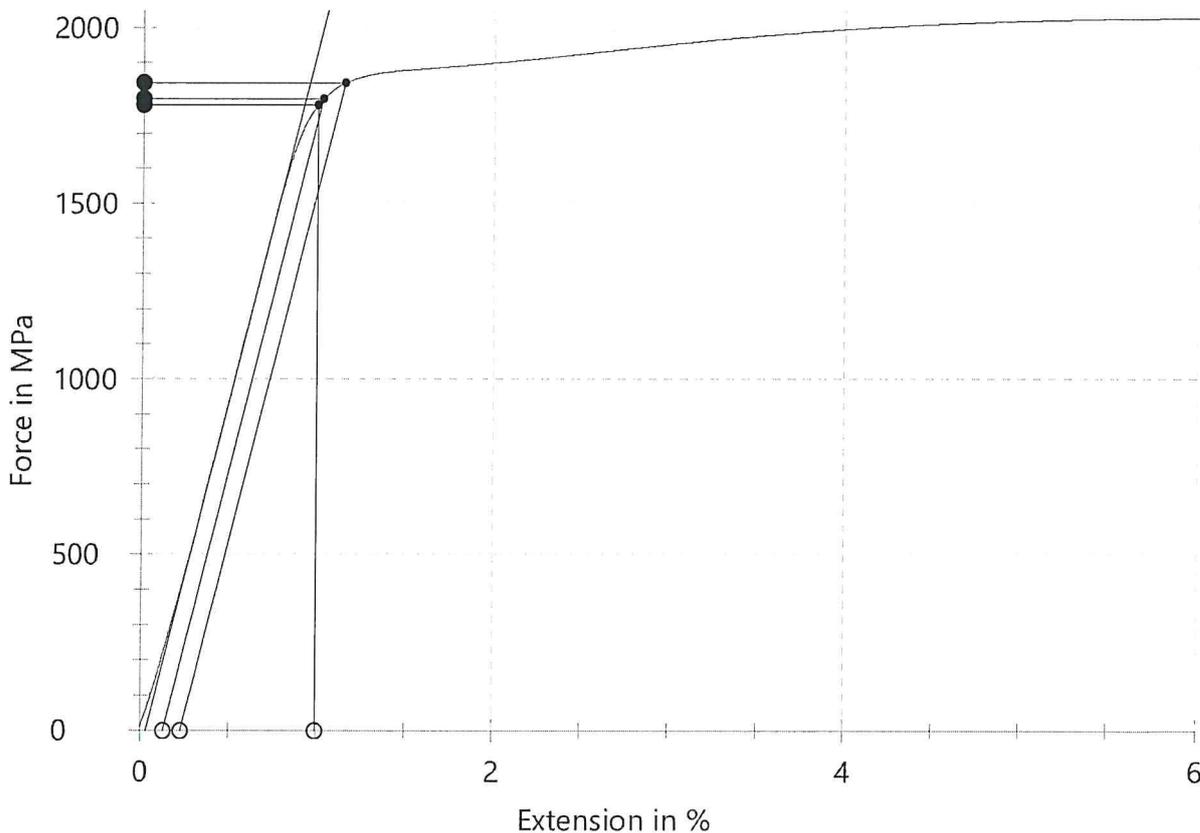
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026588	06/1	428,5	54,87	200	98,7	1799	101,1	97,7	111,3	2032	89

Fp0,2/Fm %	Agt %	Curvature mm
91	6,1	2

### Curve:





### Inspection report:

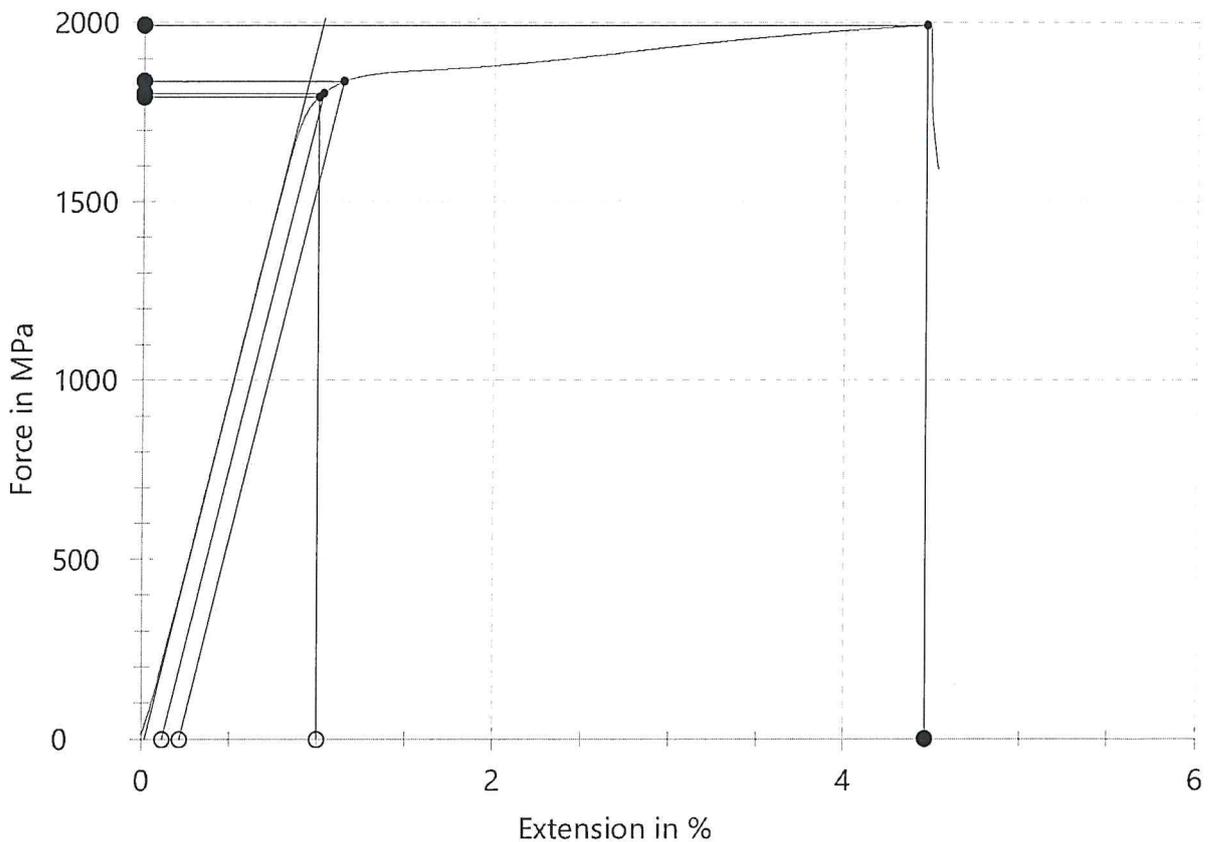
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026651	07/1	427,2	54,70	198	98,6	1803	100,4	98,0	109,0	1988	91

Fp0,2/Fm %	Agt %	Curvature mm
92	4,5	3

### Curve:





### Inspection report:

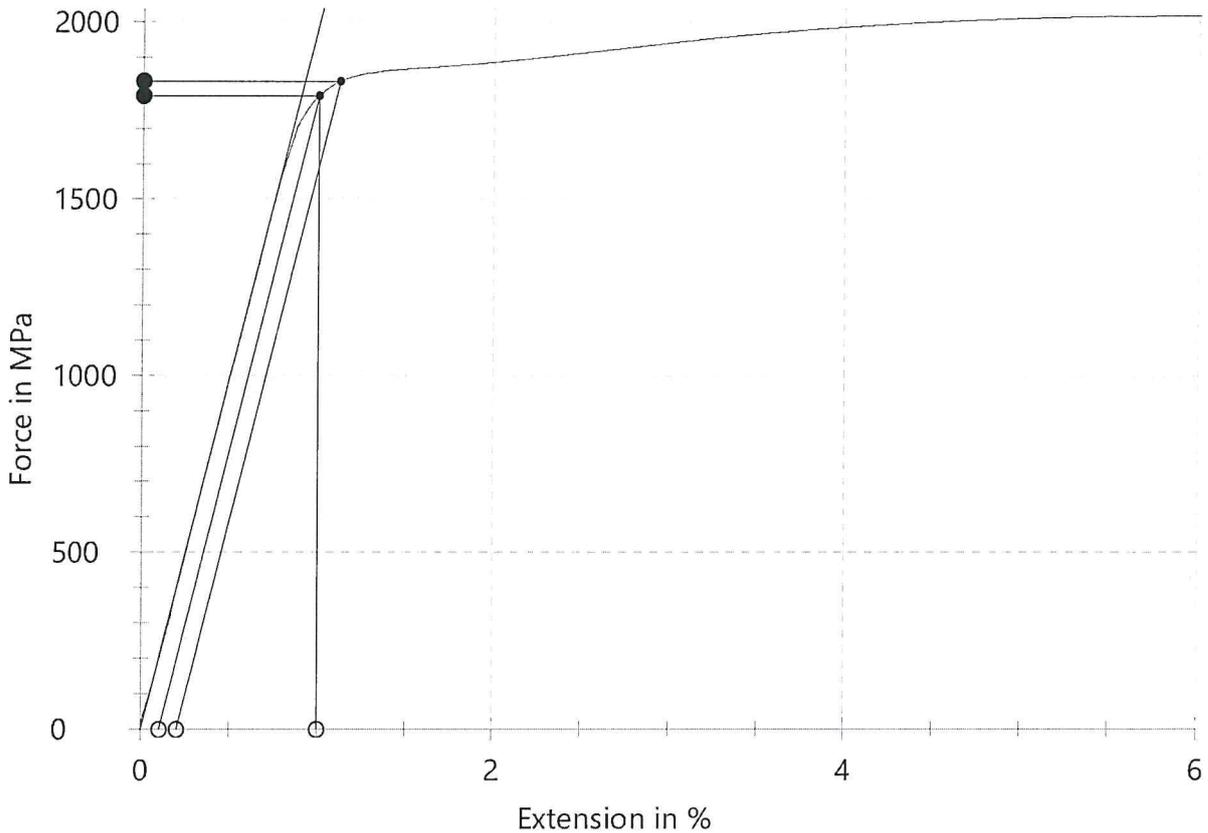
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026709	08/1	428,2	54,83	200	98,2	1792	100,4	98,2	110,7	2020	89

Fp0,2/Fm %	Agt %	Curvature mm
91	6,1	4

### Curve:





### Inspection report:

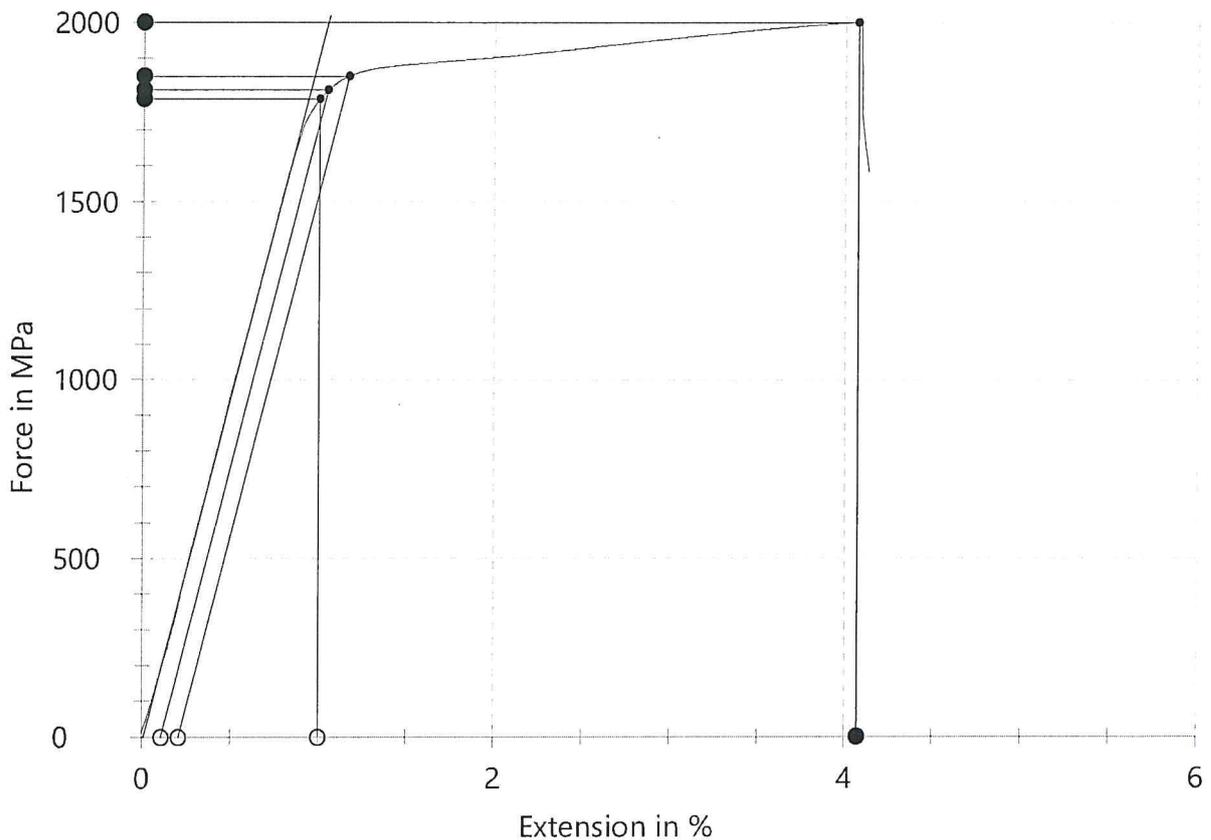
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026723	09/1	428,7	54,89	193	99,4	1812	101,6	98,1	109,8	2004	91

Fp0,2/Fm %	Agt %	Curvature mm
93	4,1	3

### Curve:





### Inspection report:

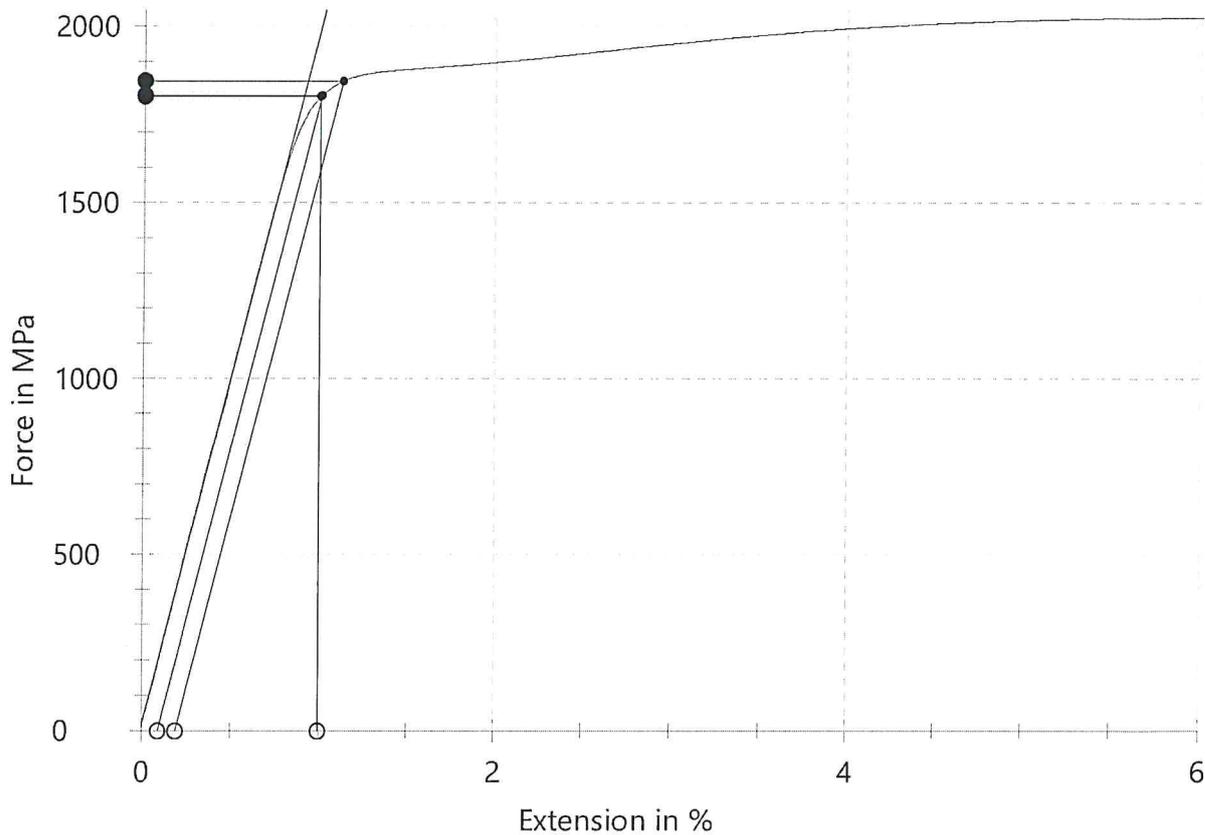
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	F <sub>p0,1</sub> kN	R <sub>p0,1</sub> MPa	F <sub>p0,2</sub> kN	F <sub>t1</sub> kN	F <sub>m</sub> kN	R <sub>m</sub> MPa	F <sub>p0,1</sub> /F <sub>m</sub> %
240026737	10/1	428,7	54,89	197	98,9	1803	101,2	98,8	111,3	2031	89

F <sub>p0,2</sub> /F <sub>m</sub> %	Agt %	Curvature mm
91	6,2	3

### Curve:





### Inspection report:

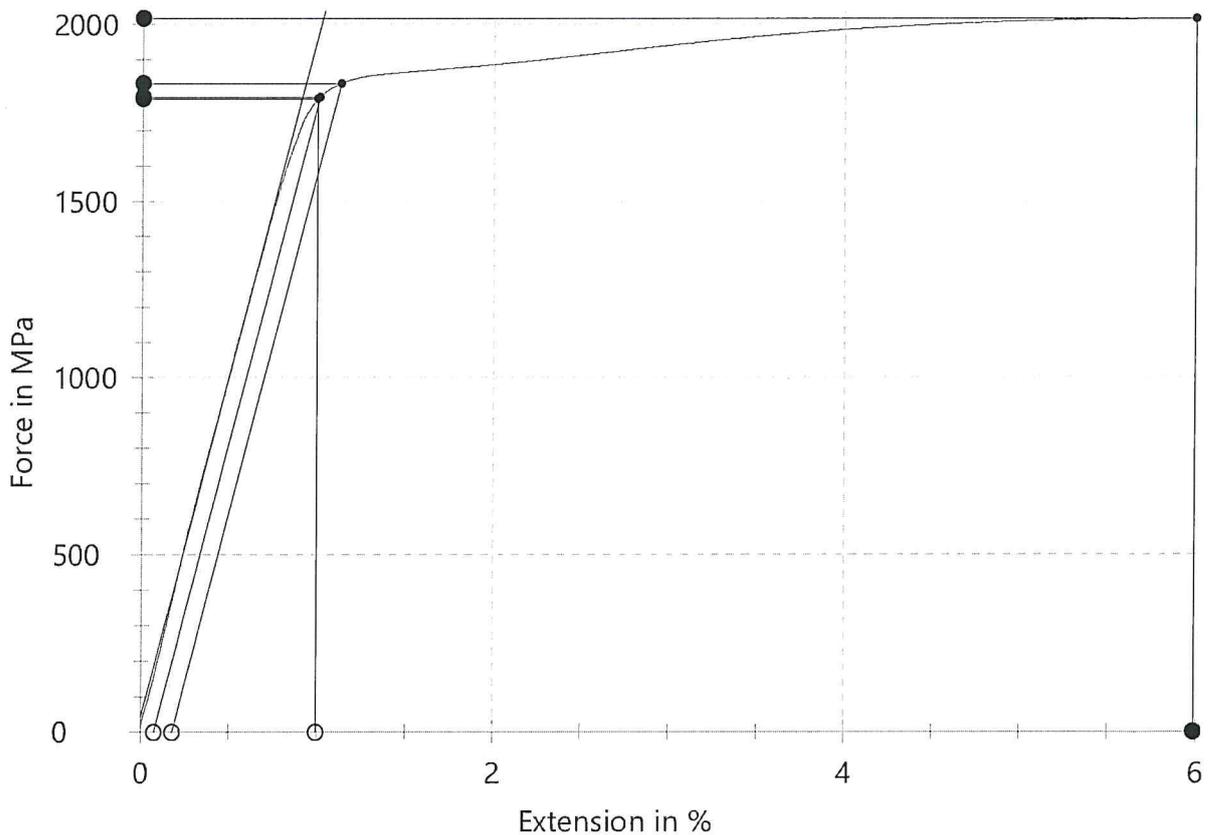
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026741	11/1	429	54,93	192	98,5	1794	100,6	98,2	110,8	2022	89

Fp0,2/Fm %	Agt %	Curvature mm
91	6,0	2

### Curve:



### Inspection report:

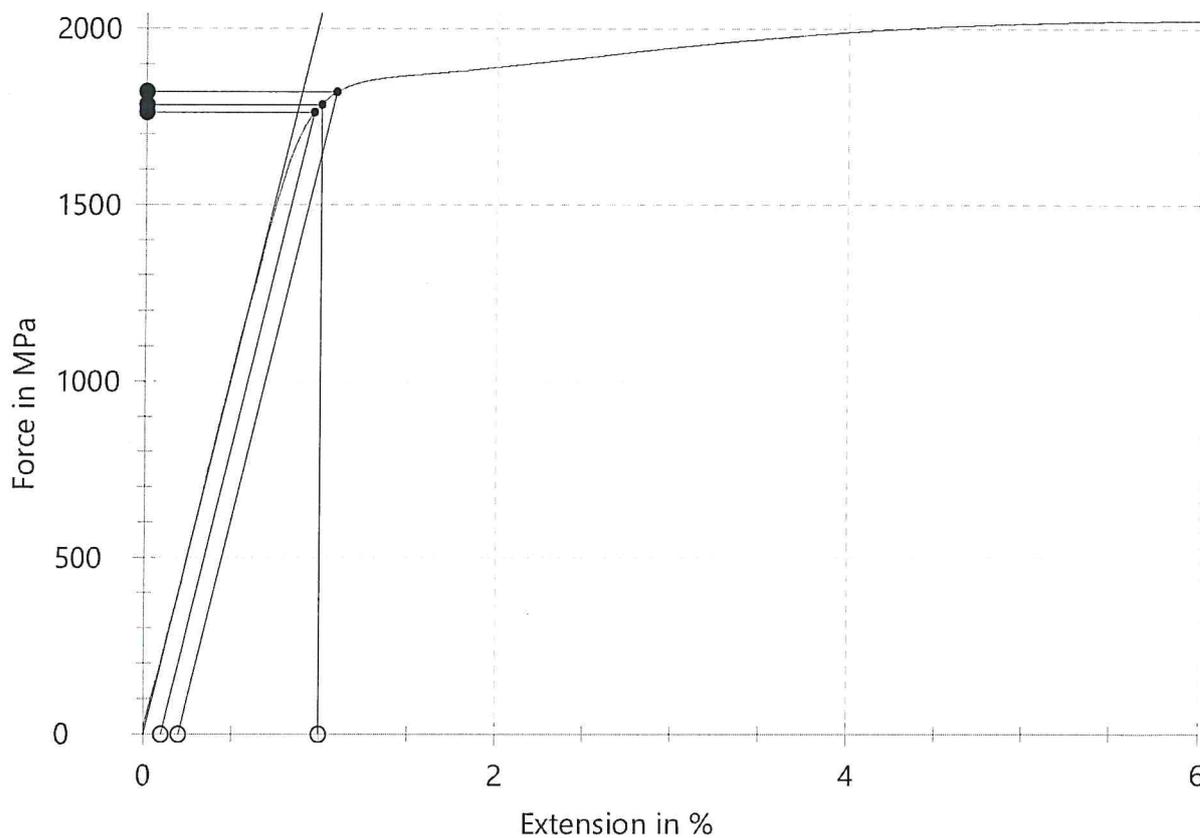
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

#### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026764	12/1	429	54,92	205	96,9	1764	100,0	98,1	111,2	2028	87

Fp0,2/Fm %	Agt %	Curvature mm
90	6,2	3

#### Curve:





### Inspection report:

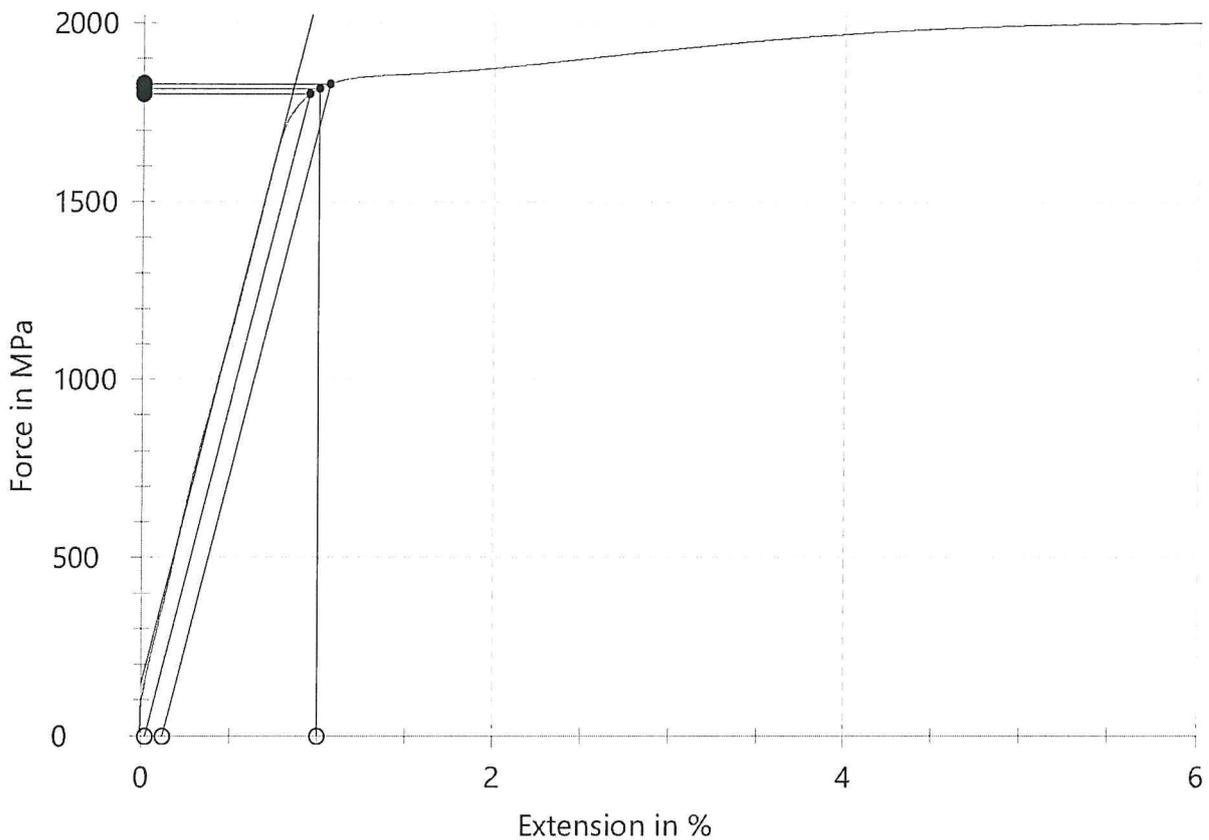
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	F <sub>p0,1</sub> kN	R <sub>p0,1</sub> MPa	F <sub>p0,2</sub> kN	F <sub>t1</sub> kN	F <sub>m</sub> kN	R <sub>m</sub> MPa	F <sub>p0,1</sub> /F <sub>m</sub> %
240026793	14/1	426,9	54,66	195	98,4	1800	100,0	99,3	109,6	1999	90

F <sub>p0,2</sub> /F <sub>m</sub> %	Agt %	Curvature mm
91	6,2	2

### Curve:





Inspection report:

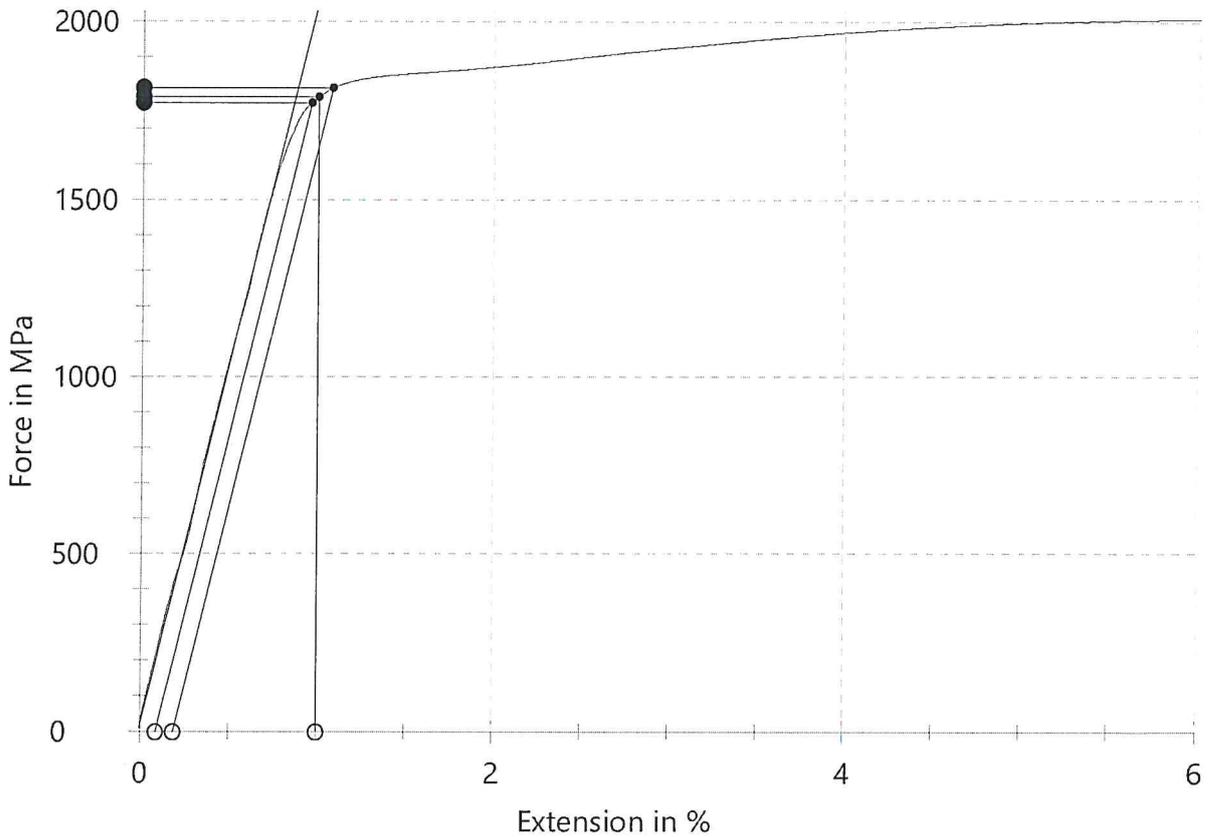
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026808	15/1	428,2	54,83	203	97,1	1772	99,4	98,0	110,3	2013	88

Fp0,2/Fm %	Agt %	Curvature mm
90	6,5	2

Curve:





### Inspection report:

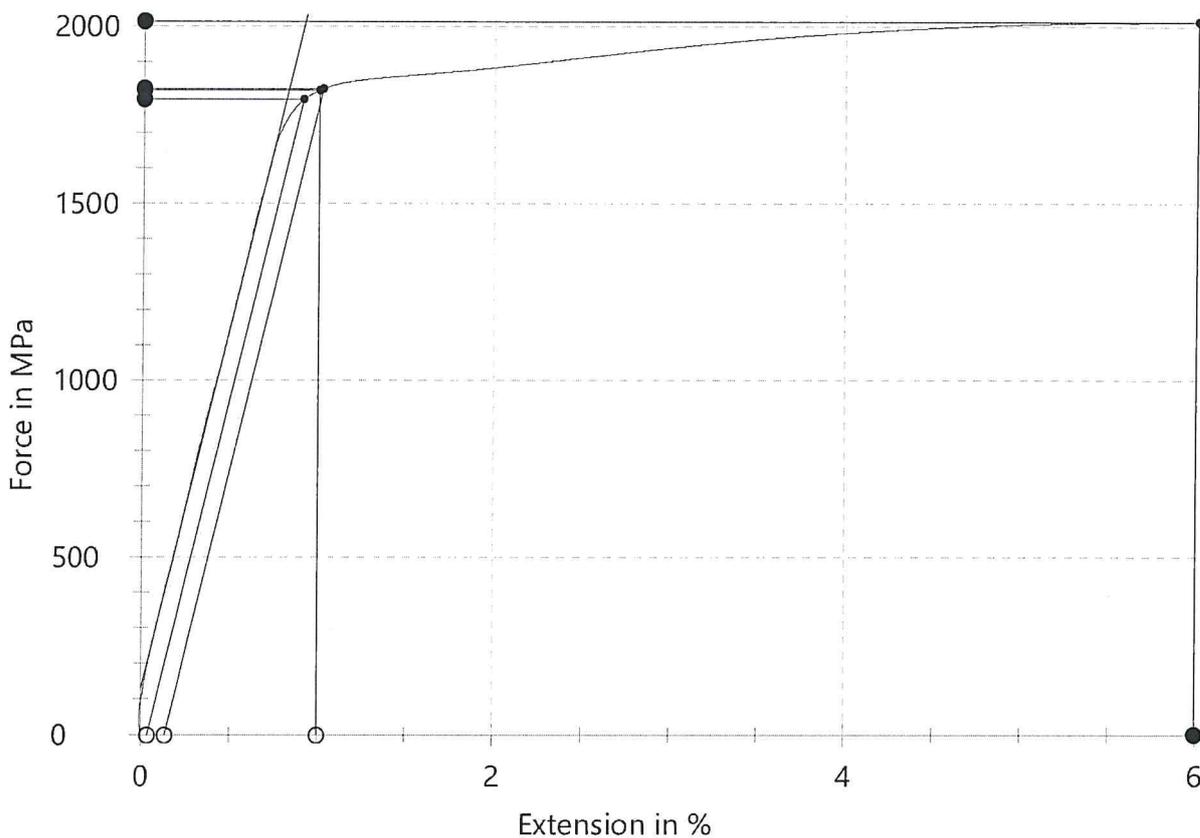
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026815	16/1	429,4	54,98	205	98,6	1793	100,2	100,0	110,6	2019	89

Fp0,2/Fm %	Agt %	Curvature mm
91	6,0	2

### Curve:





### Inspection report:

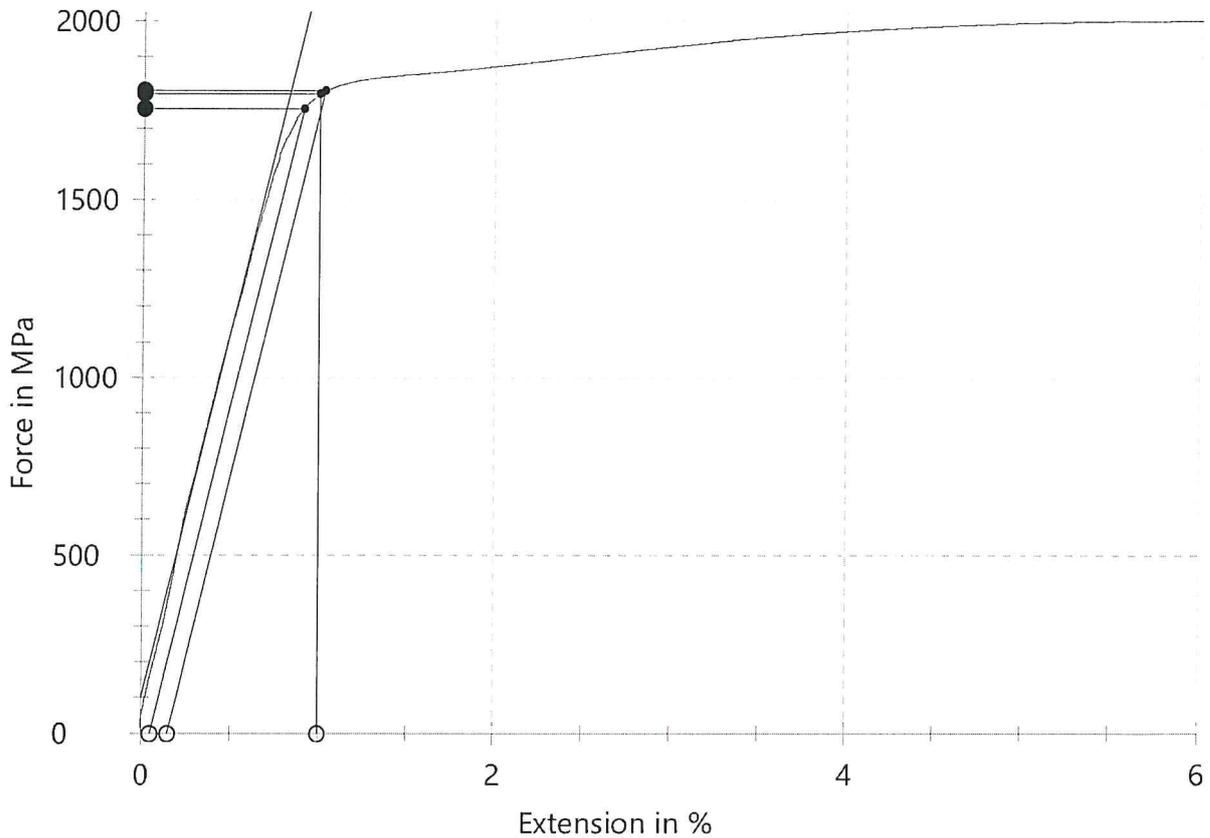
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026840	17/1	430,4	55,10	205	96,7	1755	99,4	99,0	110,6	2018	87

Fp0,2/Fm %	Agt %	Curvature mm
90	6,2	2

### Curve:



### Inspection report:

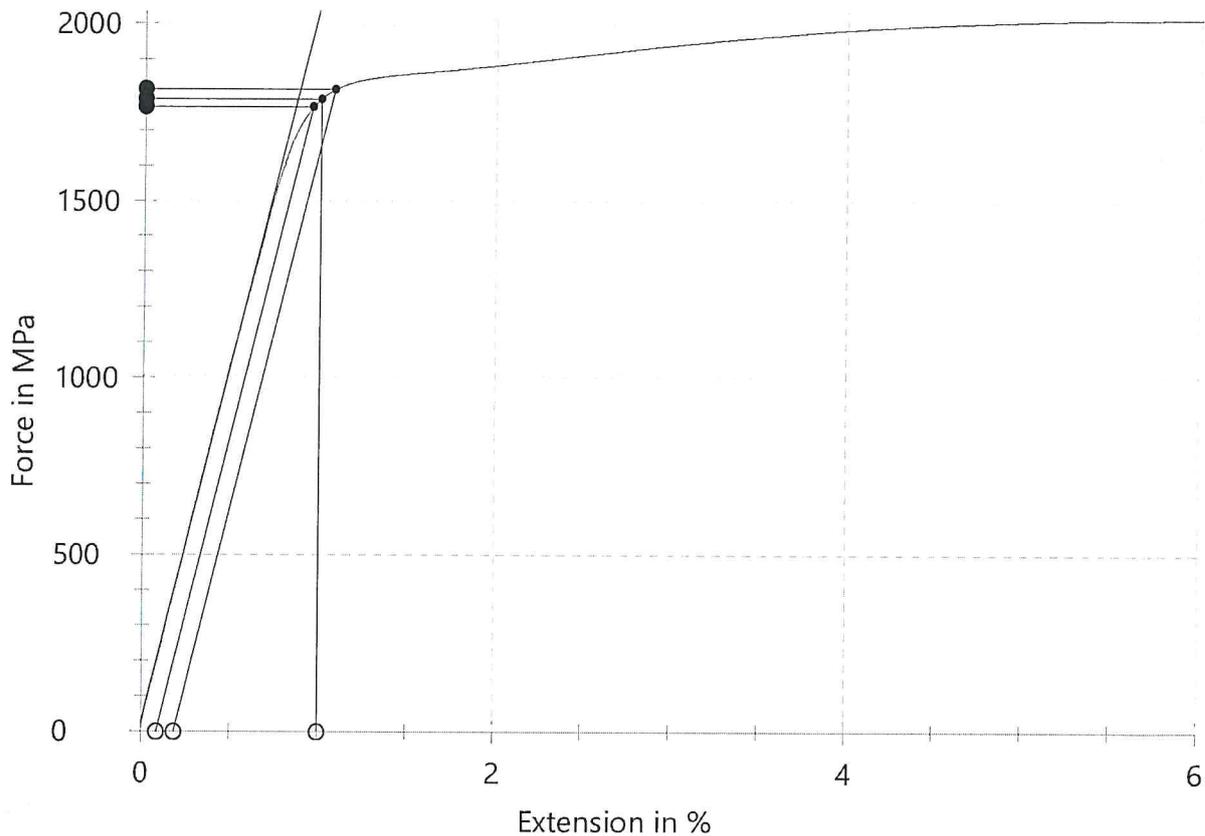
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

#### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026846	18/1	430	55,06	203	97,1	1764	99,9	98,4	111,0	2026	87

Fp0,2/Fm %	Agt %	Curvature mm
90	6,2	5

#### Curve:





### Inspection report:

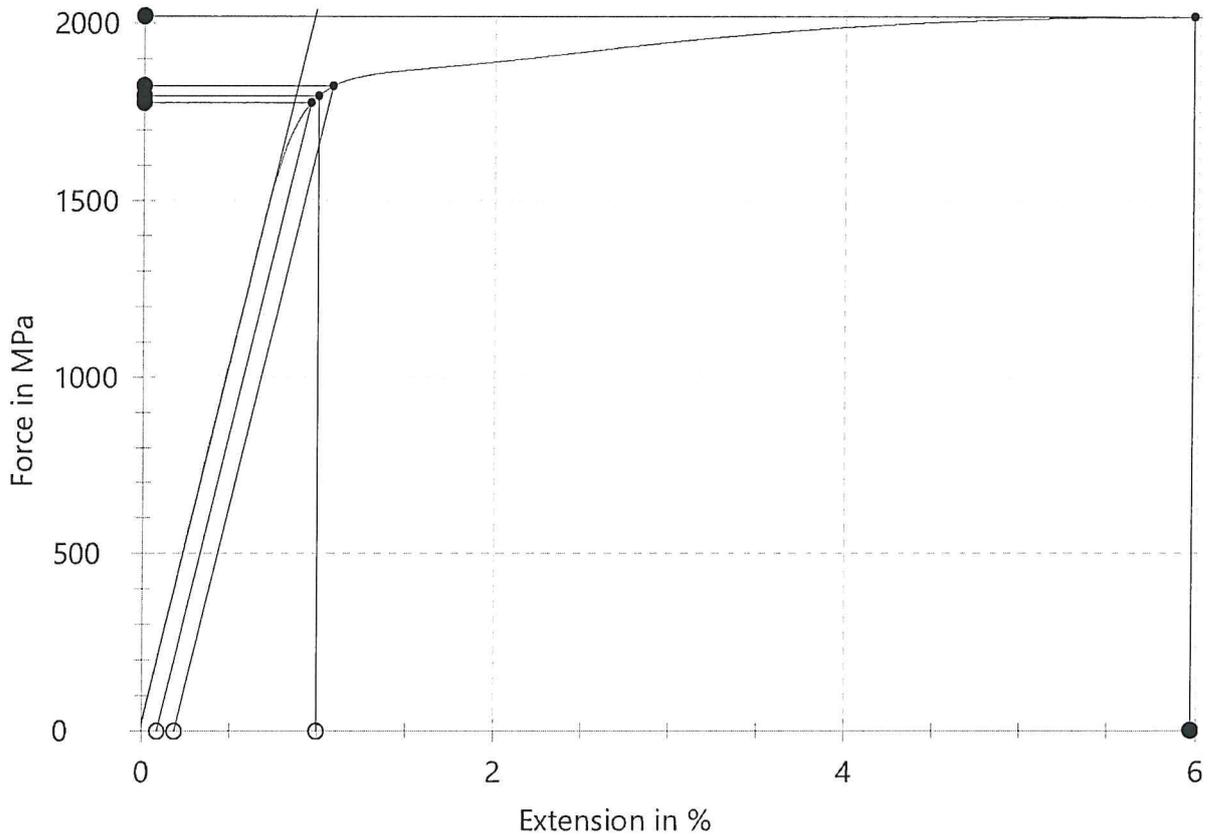
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 412057

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026863	19/1	430,6	55,13	205	98,0	1777	100,5	99,1	111,4	2032	88

Fp0,2/Fm %	Agt %	Curvature mm
90	6,0	4

### Curve:





### Inspection report:

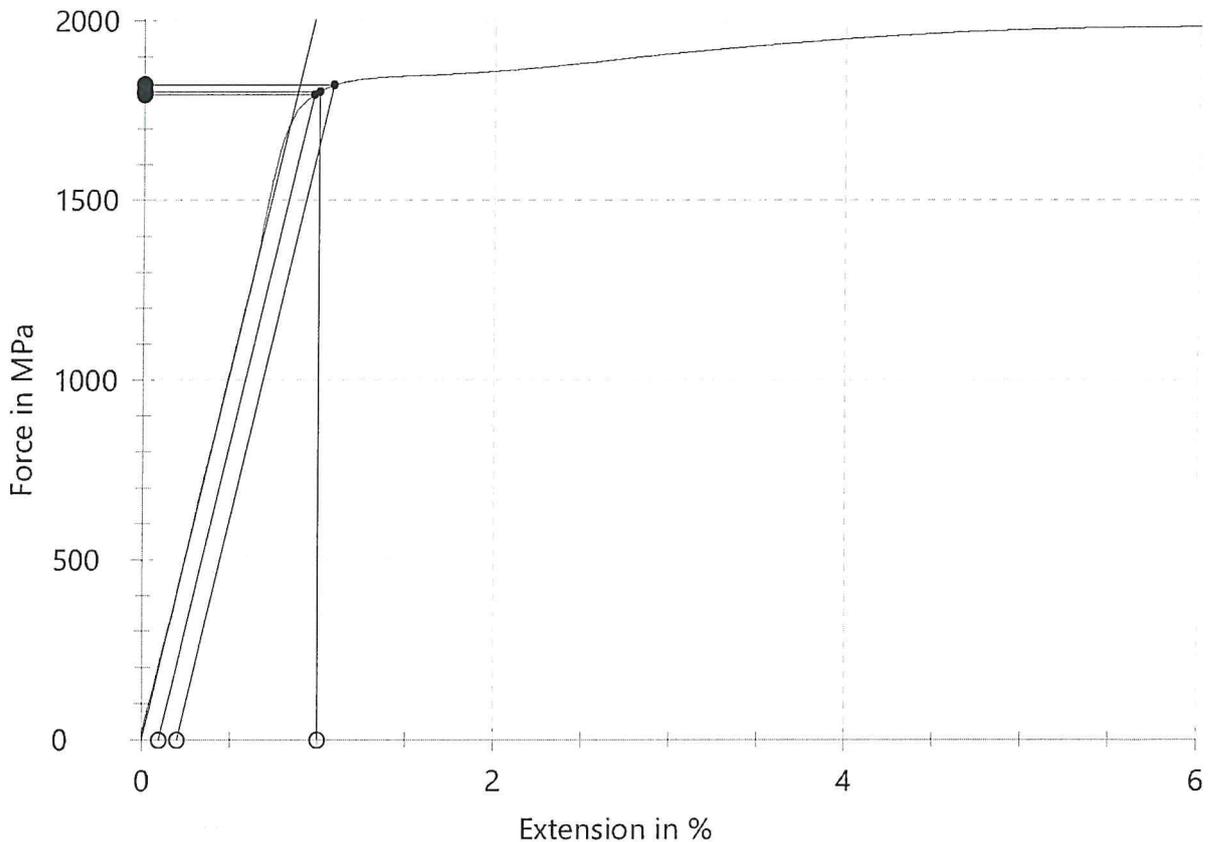
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 420002

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026929	01/1	428,9	54,92	205	98,6	1795	100,0	99,0	109,0	1990	90

Fp0,2/Fm %	Agt %	Curvature mm
92	6,4	4

### Curve:



### Inspection report:

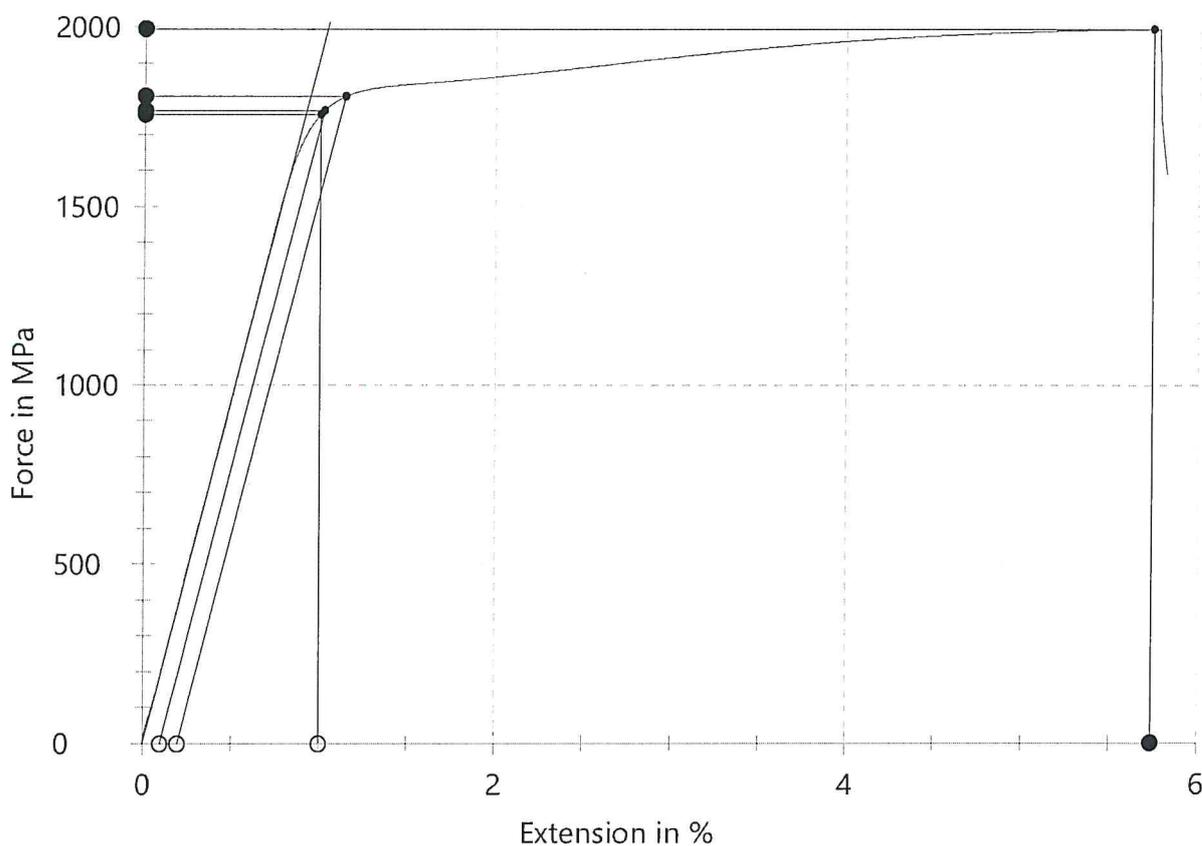
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 420002

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026944	02/1	429,7	55,02	191	97,2	1766	99,4	96,6	109,7	2003	89

Fp0,2/Fm %	Agt %	Curvature mm
91	5,7	3

### Curve:





### Inspection report:

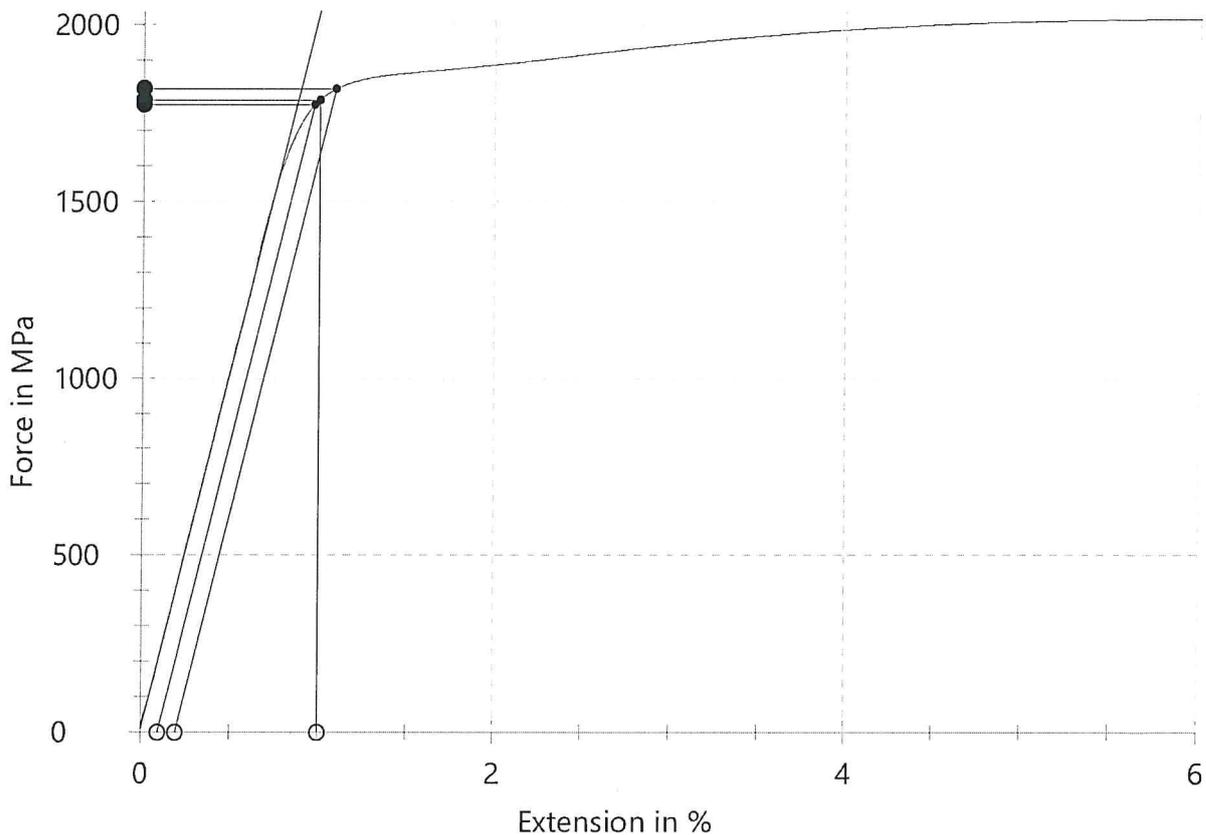
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 420002

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240026962	03/1	429,8	55,03	202	97,6	1774	100,0	98,3	111,1	2027	88

Fp0,2/Fm %	Agt %	Curvature mm
90	6,1	2

### Curve:





### Inspection report:

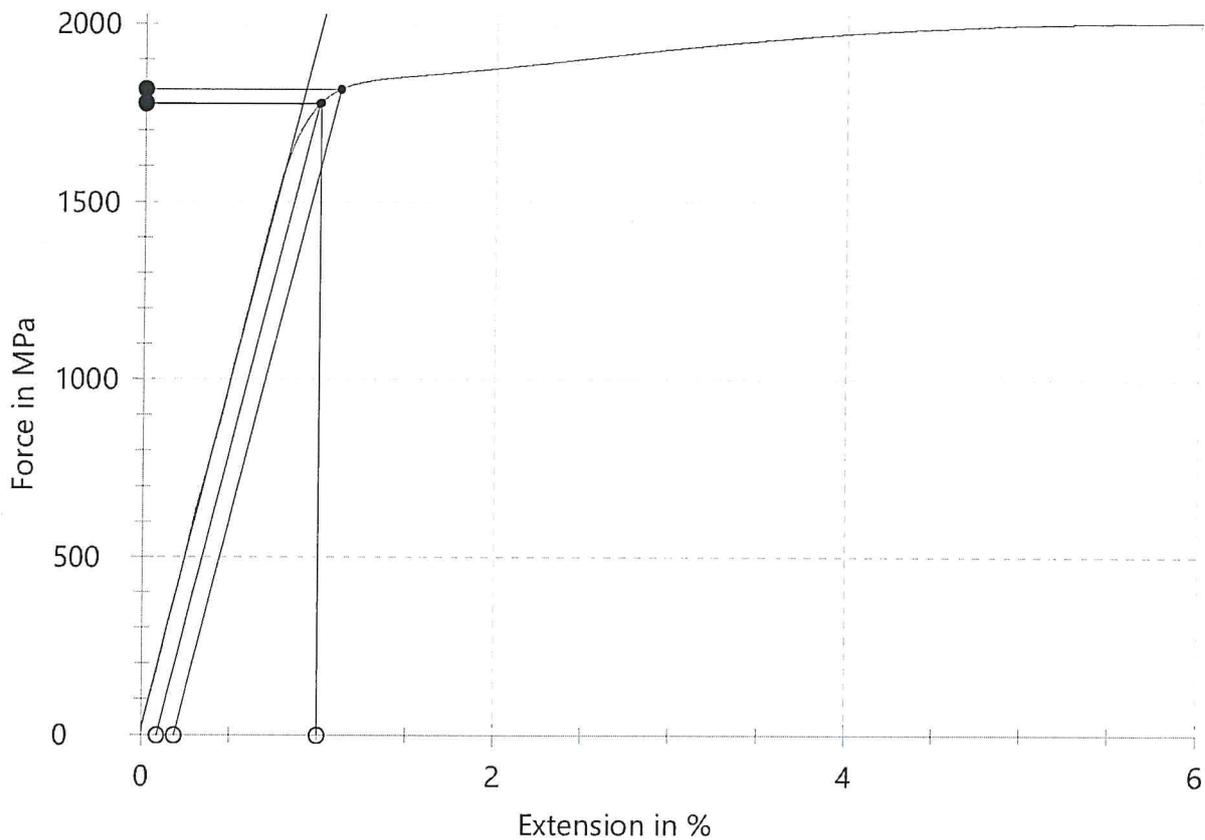
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 420002

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	F <sub>p0,1</sub> kN	R <sub>p0,1</sub> MPa	F <sub>p0,2</sub> kN	F <sub>t1</sub> kN	F <sub>m</sub> kN	R <sub>m</sub> MPa	F <sub>p0,1</sub> /F <sub>m</sub> %
240026985	04/1	429,9	55,05	196	97,7	1774	100,0	97,9	110,6	2018	88

F <sub>p0,2</sub> /F <sub>m</sub> %	Agt %	Curvature mm
90	6,3	2

### Curve:





### Inspection report:

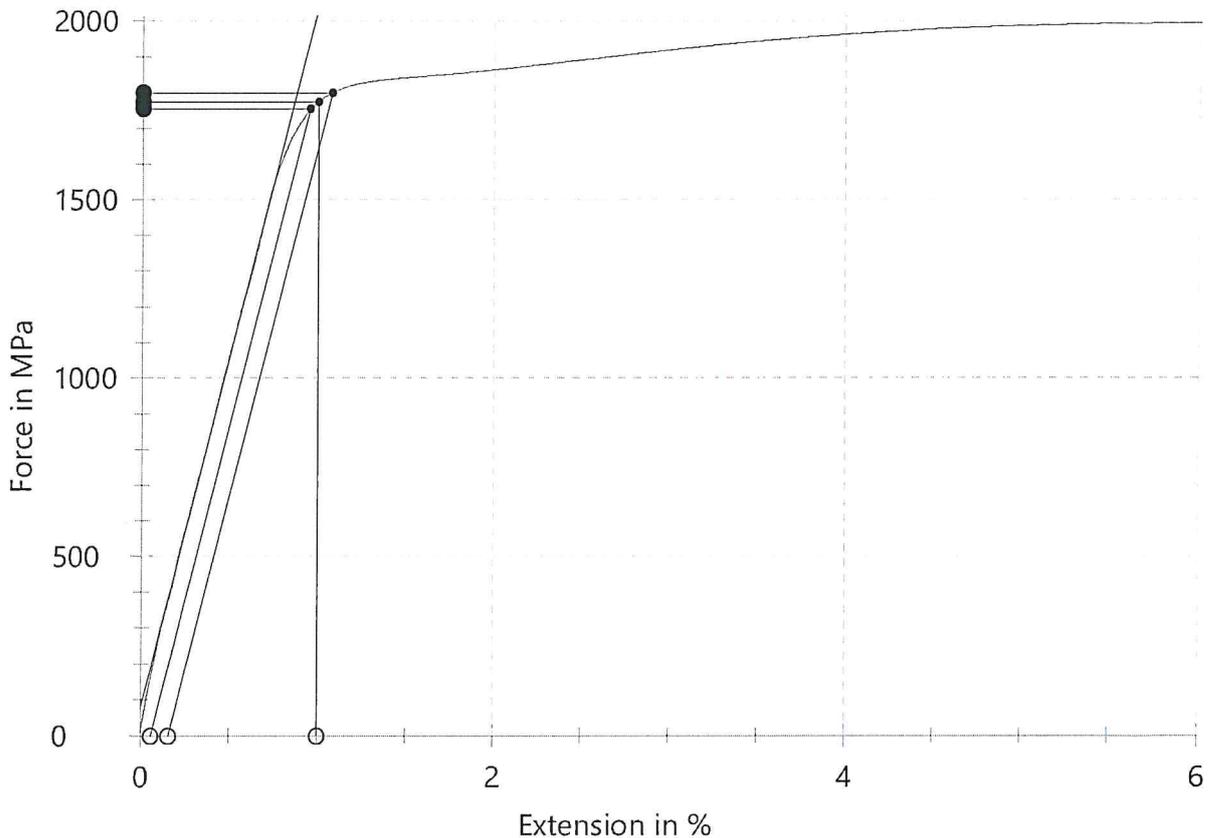
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 420002

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240027002	05/1	430,5	55,12	196	96,6	1753	99,2	97,7	110,0	2008	88

Fp0,2/Fm %	Agt %	Curvature mm
90	6,1	2

### Curve:





### Inspection report:

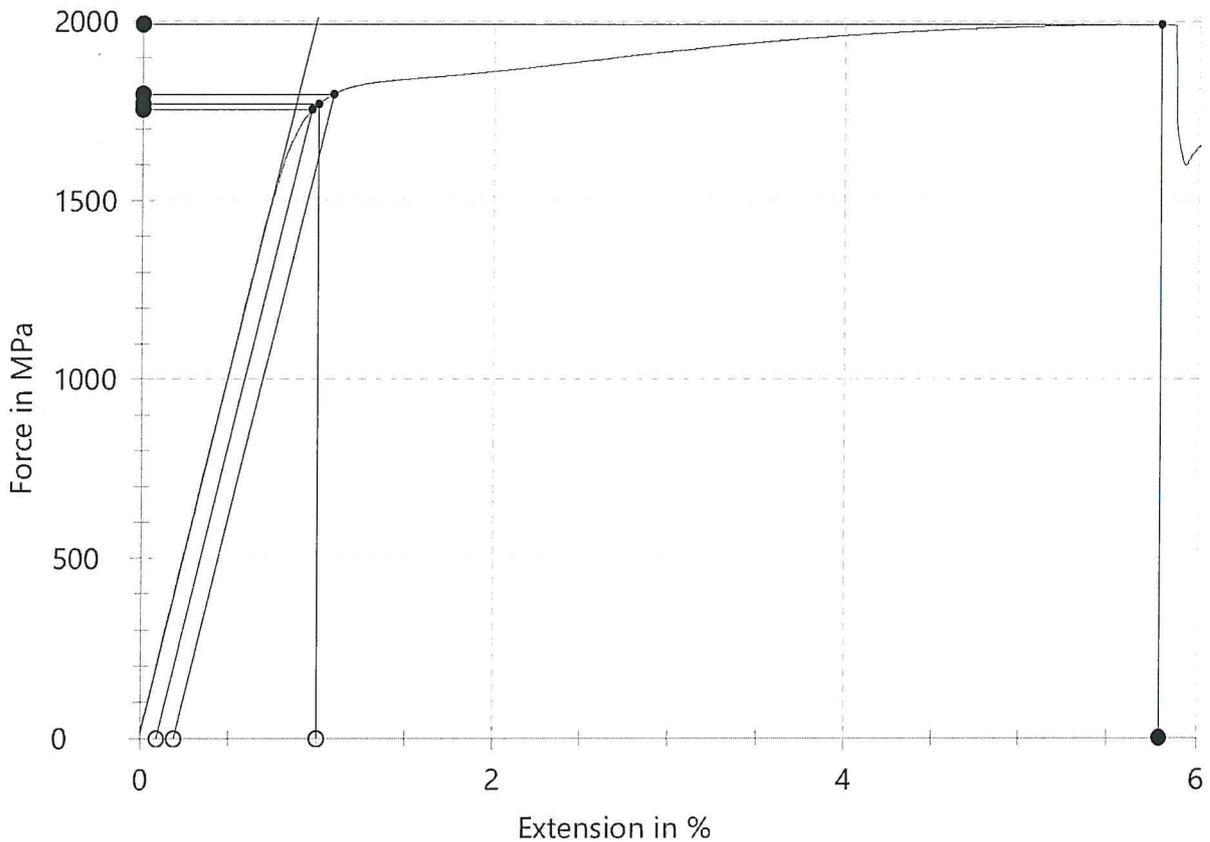
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 420002

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	F <sub>p0,1</sub> kN	R <sub>p0,1</sub> MPa	F <sub>p0,2</sub> kN	F <sub>t1</sub> kN	F <sub>m</sub> kN	R <sub>m</sub> MPa	F <sub>p0,1</sub> /F <sub>m</sub> %
240027018	06/1	430,6	55,13	201	96,7	1754	99,1	97,5	109,9	2005	88

F <sub>p0,2</sub> /F <sub>m</sub> %	Agt %	Curvature mm
90	5,8	3

### Curve:



### Inspection report:

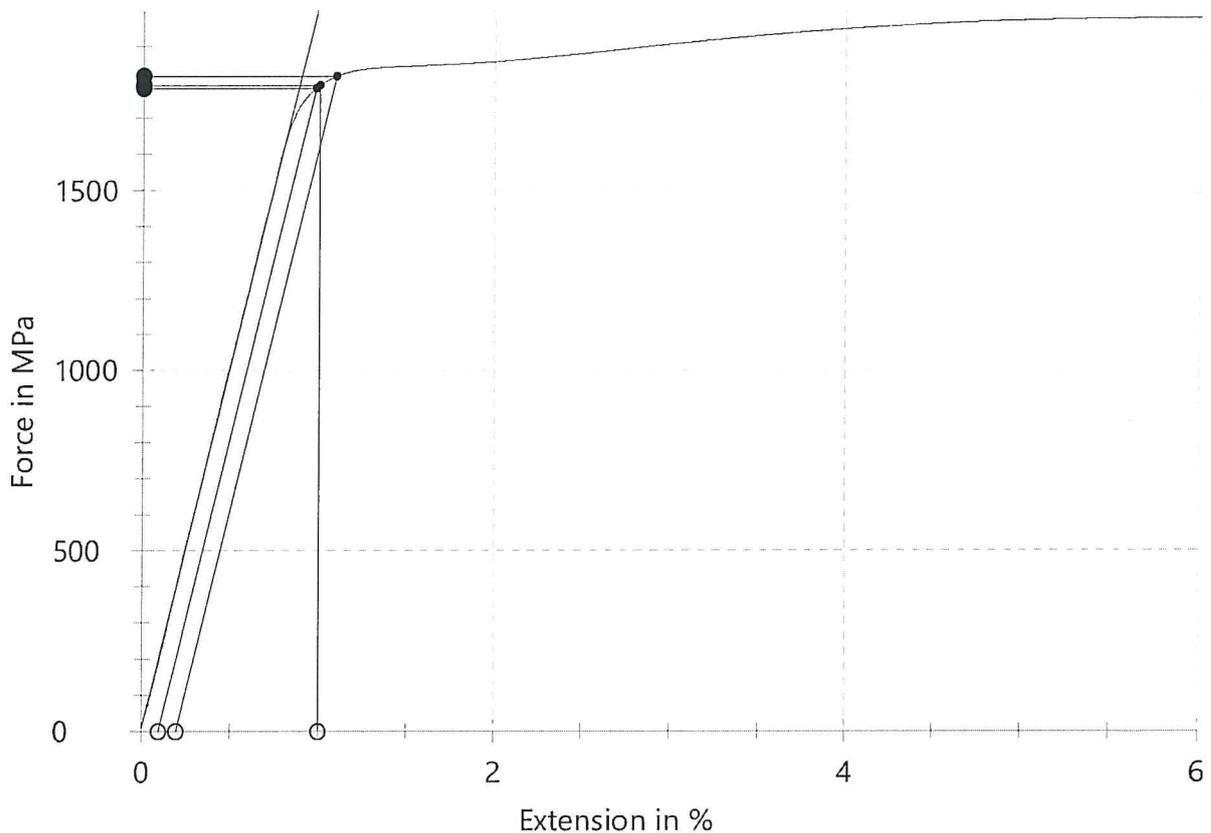
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 420002

#### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	F <sub>p0,1</sub> kN	R <sub>p0,1</sub> MPa	F <sub>p0,2</sub> kN	F <sub>t1</sub> kN	F <sub>m</sub> kN	R <sub>m</sub> MPa	F <sub>p0,1</sub> /F <sub>m</sub> %
240027048	07/1	435,8	55,80	202	99,5	1783	101,3	99,9	110,4	2015	90

F <sub>p0,2</sub> /F <sub>m</sub> %	Agt %	Curvature mm
92	6,0	3

#### Curve:





### Inspection report:

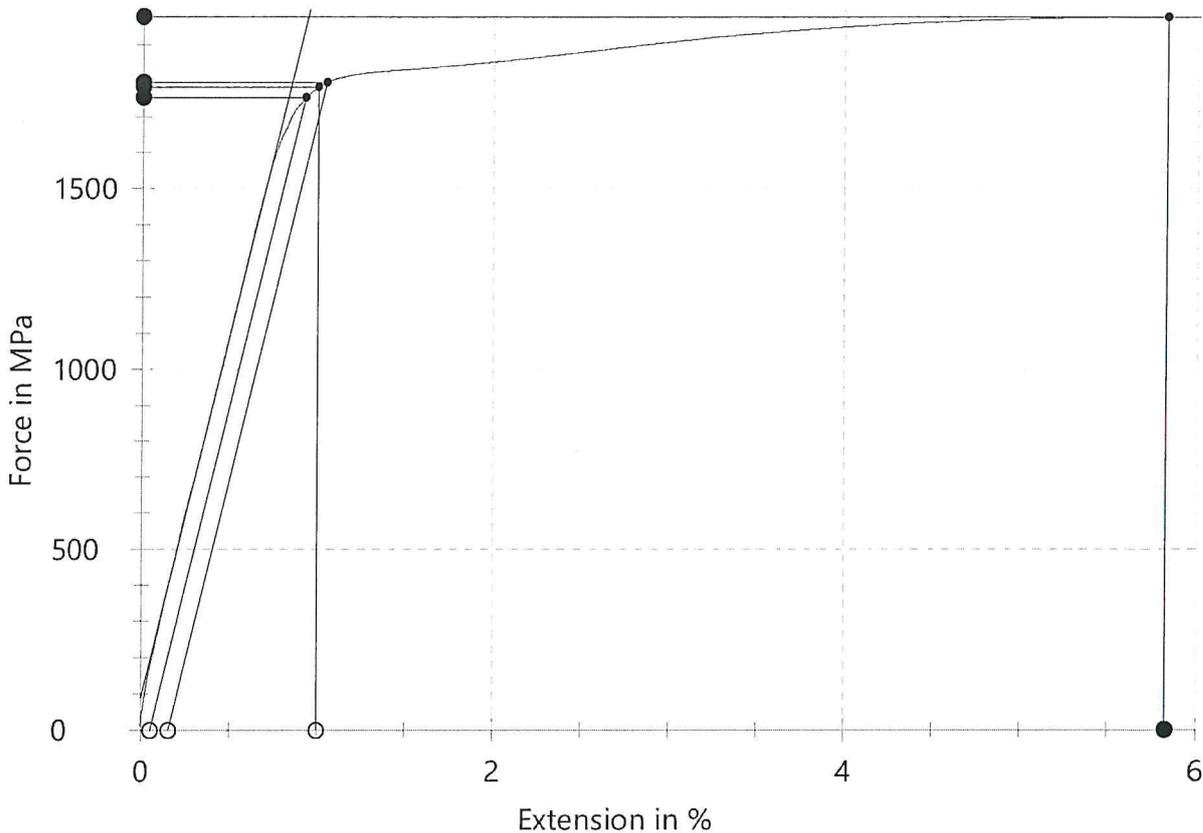
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 420002

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240027096	08/1	437	55,96	201	98,1	1753	100,5	99,7	110,6	2019	89

Fp0,2/Fm %	Agt %	Curvature mm
91	5,8	3

### Curve:





### Inspection report:

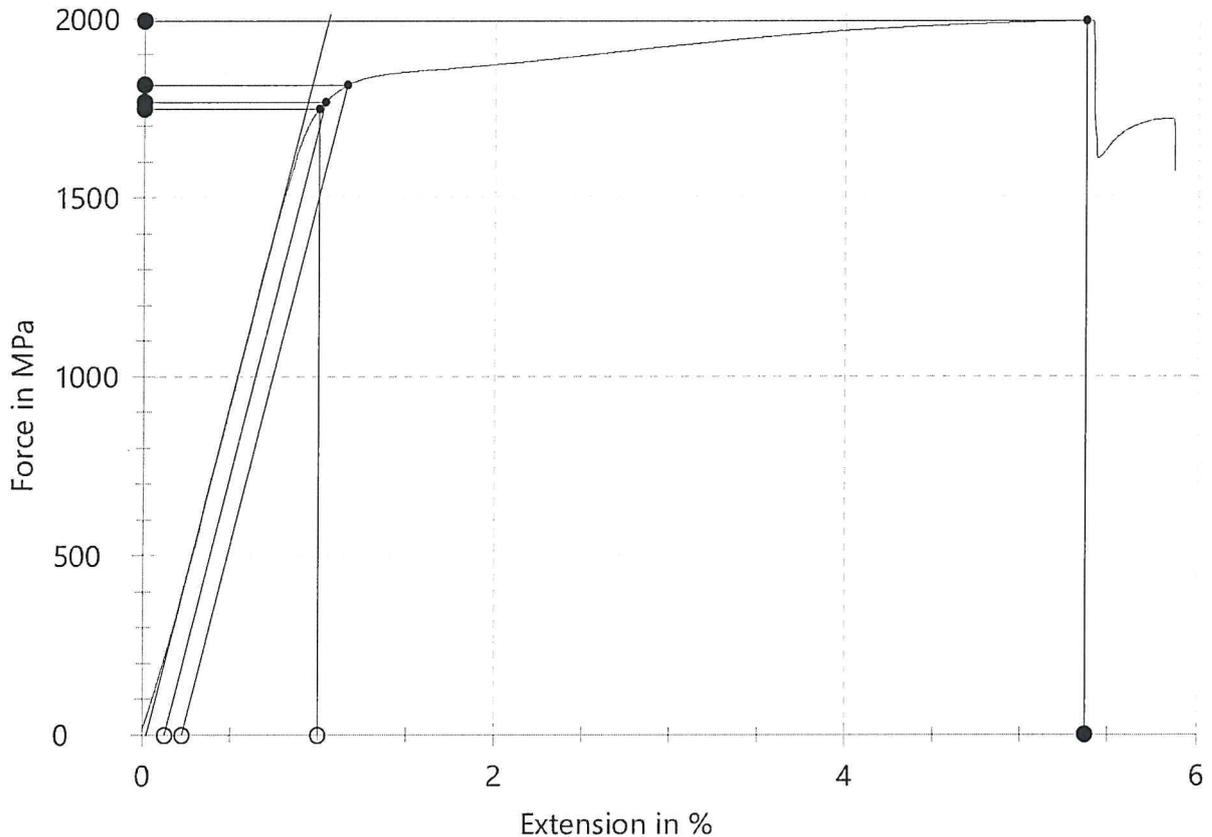
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 420002

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240027097	09/1	437,6	56,03	194	98,9	1765	101,6	97,9	111,7	2038	89

Fp0,2/Fm %	Agt %	Curvature mm
91	5,4	3

### Curve:





### Inspection report:

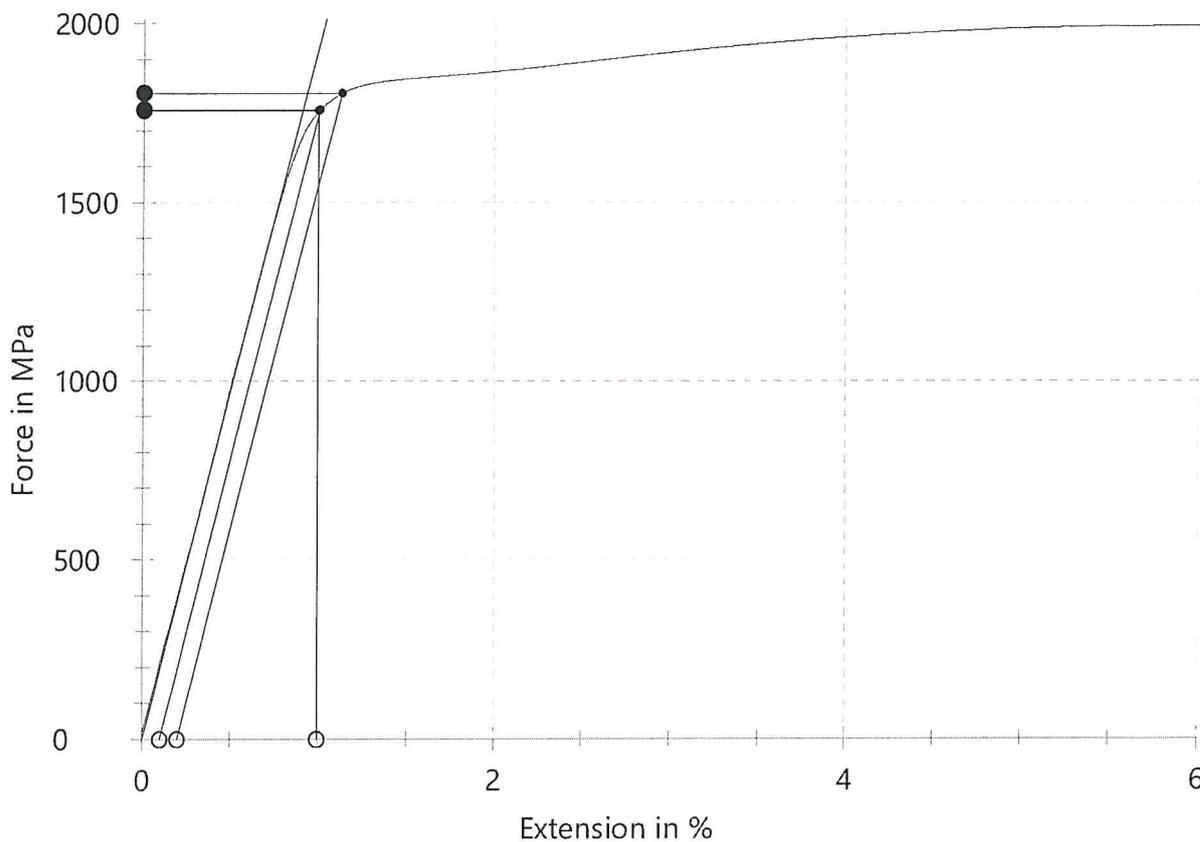
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 420002

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240027098	10/1	437,3	55,99	194	98,5	1759	101,1	98,3	111,7	2038	88

Fp0,2/Fm %	Agt %	Curvature mm
90	6,2	3

### Curve:





### Inspection report:

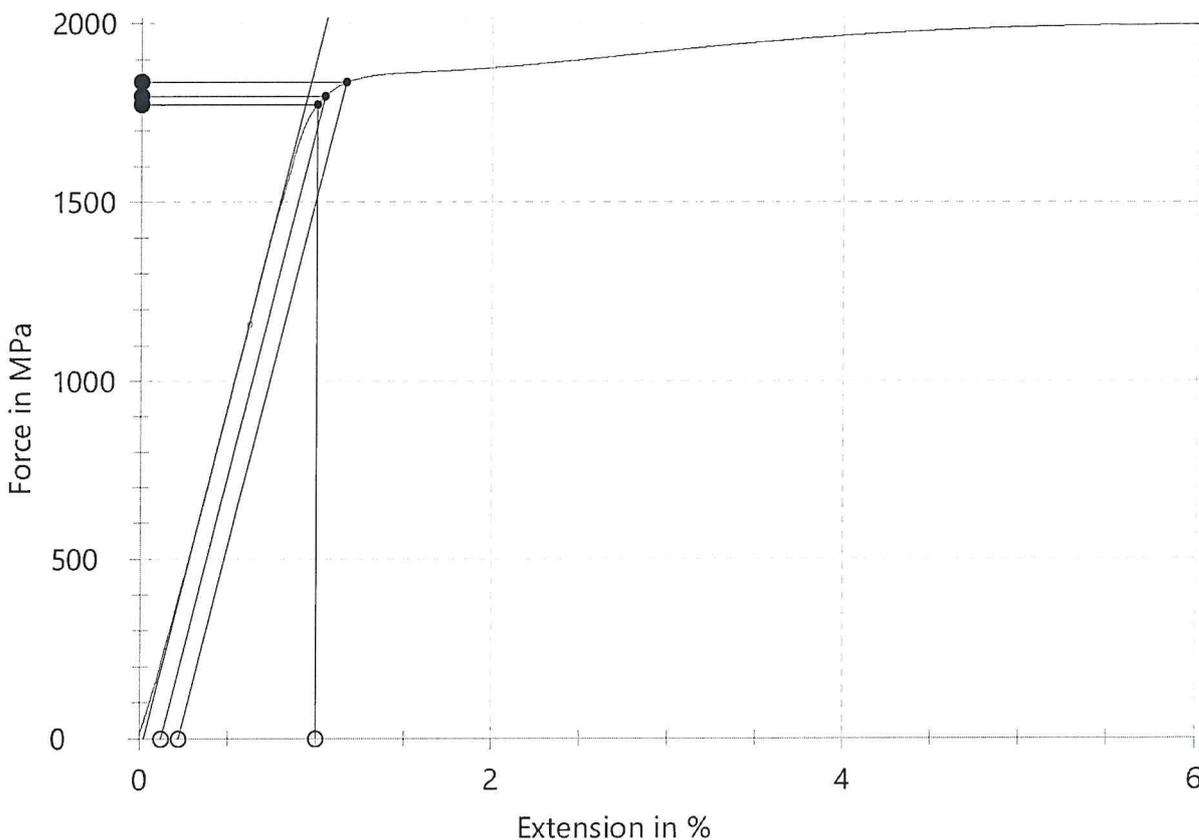
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 420002

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240027133	11/1	433,2	55,47	195	99,7	1797	101,8	98,3	110,9	2023	90

Fp0,2/Fm %	Agt %	Curvature mm
92	6,2	3

### Curve:





### Inspection report:

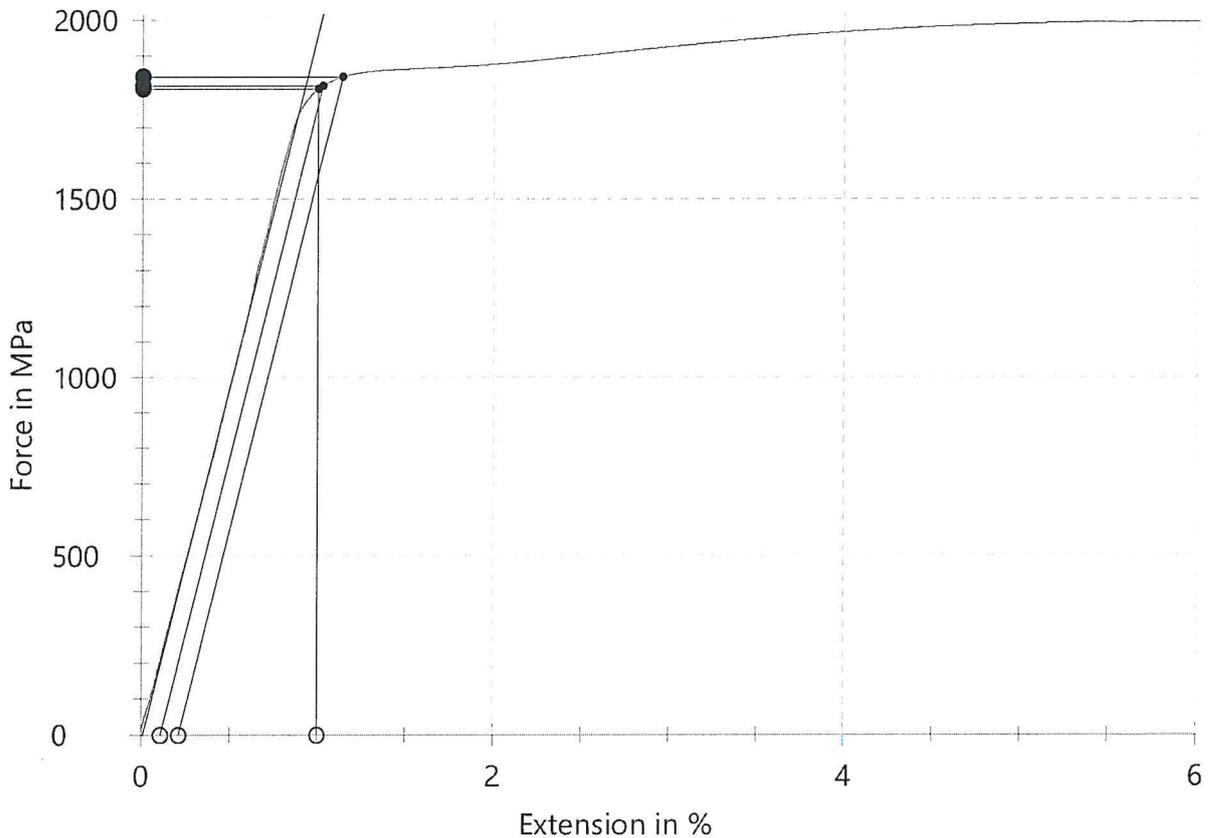
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 420002

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240027147	12/1	433,2	55,47	199	100,8	1817	102,2	100,3	110,8	2022	91

Fp0,2/Fm %	Agt %	Curvature mm
92	6,0	3

### Curve:





### Inspection report:

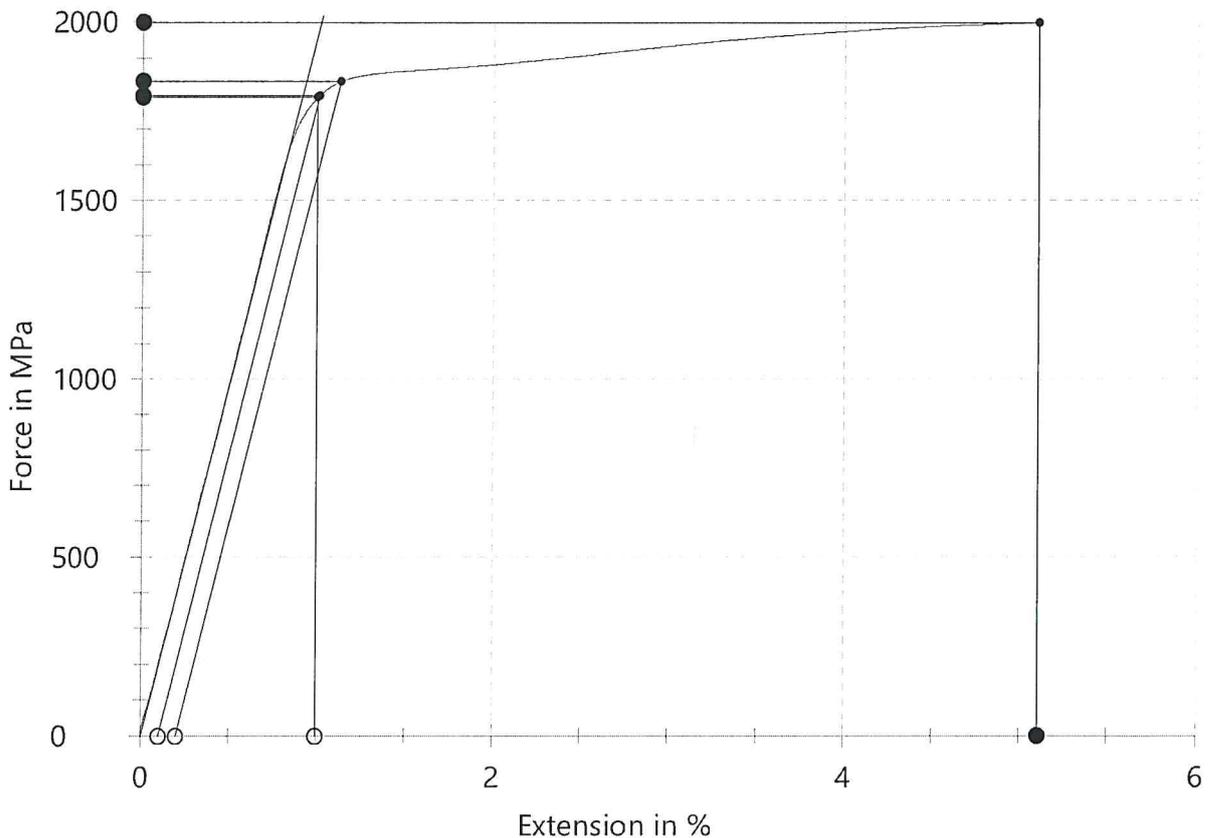
Material : PC 7 WIRE STRAND Ø 9,53  
 Production order : 1065312  
 Heat : 420002

### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240027153	13/1	433,4	55,49	197	99,6	1795	101,8	99,2	110,9	2024	90

Fp0,2/Fm %	Agt %	Curvature mm
92	5,1	3

### Curve:





### Inspection report:

Material : PC 7 WIRE STRAND Ø 9,53  
Production order : 1065312  
Heat : 420002

#### Results:

Coil ID	Coil Nr	P / m	S <sub>0</sub> mm <sup>2</sup>	E <sub>mod</sub> GPa	Fp0.1 kN	Rp0,1 MPa	Fp0.2 kN	Ft1 kN	Fm kN	Rm MPa	Fp0,1/Fm %
240027201	14/1	435,3	55,74	201	99,0	1776	101,1	99,3	110,5	2016	90

Fp0,2/Fm %	Agt %	Curvature mm
92	6,1	4

#### Curve:

