

Style Twaron/Steel sewing thread

TECHNICAL DATA

| | | |
|----------------------------------|-----------------------------|---------------------------------|
| Composition | TWARON – Aramid | 38 % |
| | Stainless Steel (AISI 316L) | 62 % |
| | -7 wire strands | |
| Tex | 210 | ± 5% |
| Nm | 4,7 | ± 5% |
| Elongation | ca 4,2 % | ± 5% |
| Tensile strength | 81 N | ± 5% |
| Tenacity | 37,5 cN/Tex | ± 5% |
| Twist | 350 Z | ± 5% |
| Hot Air Shrinkage | 0,1 % | |
| Residual strength | 90 % | |
| Decomposition temperature | | ca. 450 °C (twaron- aramid) |
| | | ca 700°C (Stainless Steel wire) |

Tensil strength:

| | |
|------------------------|--------|
| Regular Temperature | 81 N |
| After 15 min at 300 °C | 72,6 N |
| After 30 min at 300 °C | 59,5 N |
| After 30 min at 400 °C | 21,5 N |
| After 15 min at 600 °C | 17 N |

