Specialist Engineering Plastics are pleased to be able offer rod, sheets & tube from SUSTAPEEK natural which meet the high material requirements contained in NORSOK M-710. SUSTAPEEK natural (produced from Victrex 450G PEEK) is available in a broad range of dimensions from stock or special order to your specification.

**NORSOK M-710**

The Norwegian petroleum industry developed NORSOK standards “to ensure adequate safety, value adding and cost effectiveness for petroleum industry developments and operations”.

NORSOK M-710 “Qualification of nonmetallic materials and manufacturers – Polymers” covers testing of material properties. NORSOK M-710 applies for downhole, subsea and workover systems.

SUSTAPEEK tested to NORSOK M-710 at high H₂S levels

Available in rod, sheet & tube

<table>
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<th>NORSOK M-710 acceptance criteria met by SUSTAPEEK natural:</th>
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<td>Swelling</td>
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<td>Tensile strength</td>
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<td>Elongation at break</td>
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<td>Young’s Modulus</td>
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<td>Visual Criteria</td>
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With SUSTAPEEK natural evaluated in a sour multiphase fluid with high H₂S levels (10 mol% H₂S in the test gas mixture) at temperatures up to 225 °C.

**Cost & material saving component production**

- Sheets available from 8 mm upwards
- Rods from 10 mm diameter
- Tubes from 10 mm inner diameter
- Wide range of tube wall thicknesses
- Many dimensions available from stock!

**Properties of SUSTAPEEK natural**

Ideal for components used in demanding environments.

- Suitable for sour gas service
- NORSOK M-710 tested
- Excellent chemical resistance
- Excellent dimensional stability
- High mechanical properties
- Low moisture absorption
- UL 94 V0

**Advantages**

- Proven for use under the most demanding conditions, including sour gas (H₂S) service
- Saves on material and time during component production by using rod, sheet or tube

**Contact:** Please contact us for additional information, to discuss the testing procedure and possible applications for SUSTAPEEK sheets, rods and tubes. Simply write to: sales@seplastic.com

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