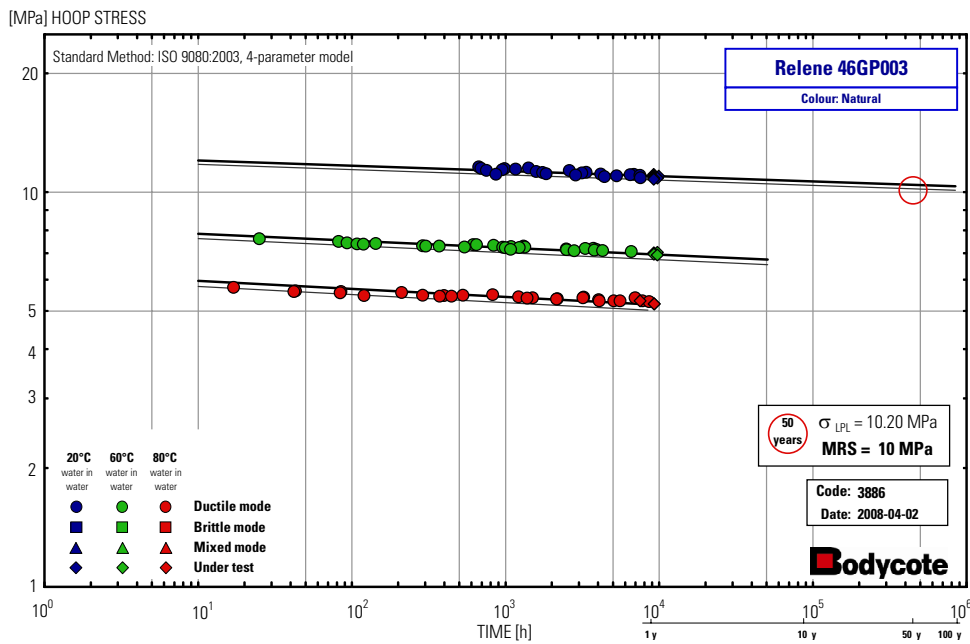


CLIENT: Reliance Industries Ltd.

SUMMARY OF TEST RESULTS FOR THE PE PIPE GRADE RELENE 46GP003



SLOW CRACK RESISTANCE RESULTS

The tests were performed in accordance with ISO 13479:1997. More information can be found in Bodycote Report P-07/39.

NOTCH TESTING RESULTS

Internal Pressure	Average failure time
9.2 bar	2 007 h

RAPID CRACK PROPAGATION RESULTS

The tests were performed in accordance with ISO 13477:1997. More information can be found in Bodycote Report P-07/20.

S4 TESTING RESULTS

Temp	Critical pressure
0 °C	4.1 bar

ISO 9080 RESULTS

The evaluation was performed in accordance with ISO 9080:2003. The 4-parameter model gave the best fit. Relene 46GP003 is classified as a **PE 100** according to ISO 12162. More information can be found in Bodycote Report P-08/37.

EXTRAPOLATED STRENGTH VALUES

Temp [°C]	Time [Yrs]	σ_{LPL} [MPa]	σ_{LTHS} [MPa]
20	50	10.203	10.449
20	96.5	10.109	10.358
60	5.79	6.549	6.751
80	0.97	5.024	5.197

CLASSIFICATION

MRS = 10 MPa

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