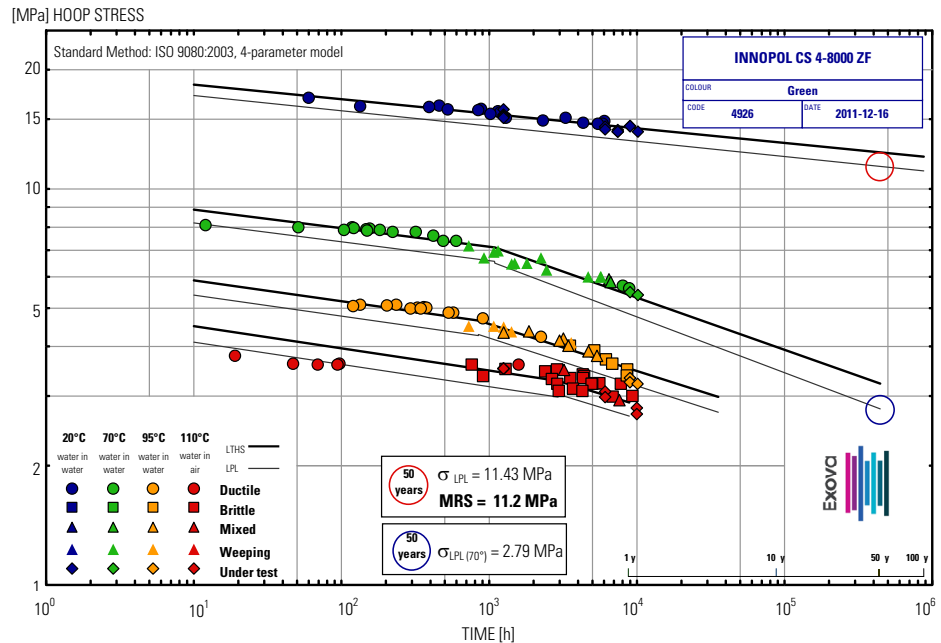


CLIENT: Inno-Comp Kft.

REGRESSION ANALYSIS ACCORDING TO ISO 9080 OF PP-R INNOPOL CS 4-8000 ZF



INTRODUCTION

Exova offers accredited testing and evaluation according to ISO 9080, i.e. hydrostatic pressure testing followed by evaluation of the long-term hydrostatic strength and MRS-classification according to ISO 12162.

TASK

The aim was to evaluate the pipe grade according to ISO 9080 in order to obtain a MRS-classification and material designation according to ISO 12162 of PP-R pipe grade INNOPOL CS 4-8000 ZF from Inno-Comp Kft.

RESULTS OBTAINED

The evaluation was performed in accordance with ISO 9080:2003. More information can be found in Exova Report P-11/138.

EXTRAPOLATED STRENGTH VALUES

Temp [°C]	Time [Yrs]	σ_{LPL} [MPa]	σ_{LTHS} [MPa]
20	50.0	11.43	12.37
20	100	11.10	12.06
70	50.0	2.79	3.23
70	50.7	2.79	3.22
95	4.05	2.73	2.99
110	1.01	2.67	2.89

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CLASSIFICATION

MRS = 11.2 MPa