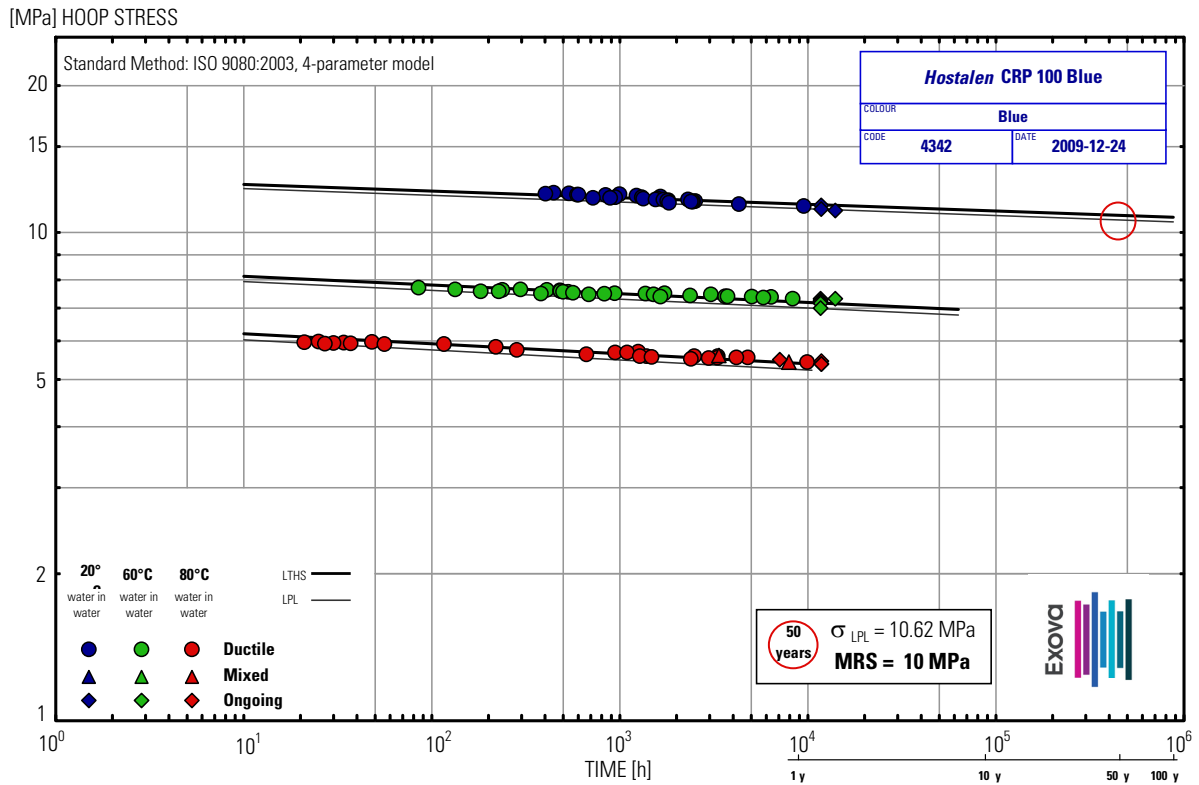


LyondellBasell Industries

REGRESSION ANALYSIS ACCORDING TO ISO 9080 OF *HOSTALEN* CRP 100 BLUE



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 compound according to ISO 9080 in order to obtain a MRS-classification according to ISO 12162 of *Hostalen* CRP 100 Blue from LyondellBasell Industries.

RESULTS OBTAINED

The evaluation was performed in accordance with ISO 9080:2003. More information can be found in Exova Report P-10/28.

EXTRAPOLATED STRENGTH VALUES

Temp [°C]	Time [Yrs]	σ_{LPL} [MPa]	σ_{LTHS} [MPa]
20	50.0	10.62	10.85
20	100	10.52	10.75
60	7.20	6.78	6.96
80	1.20	5.22	5.38

CLASSIFICATION

MRS = 10 MPa

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