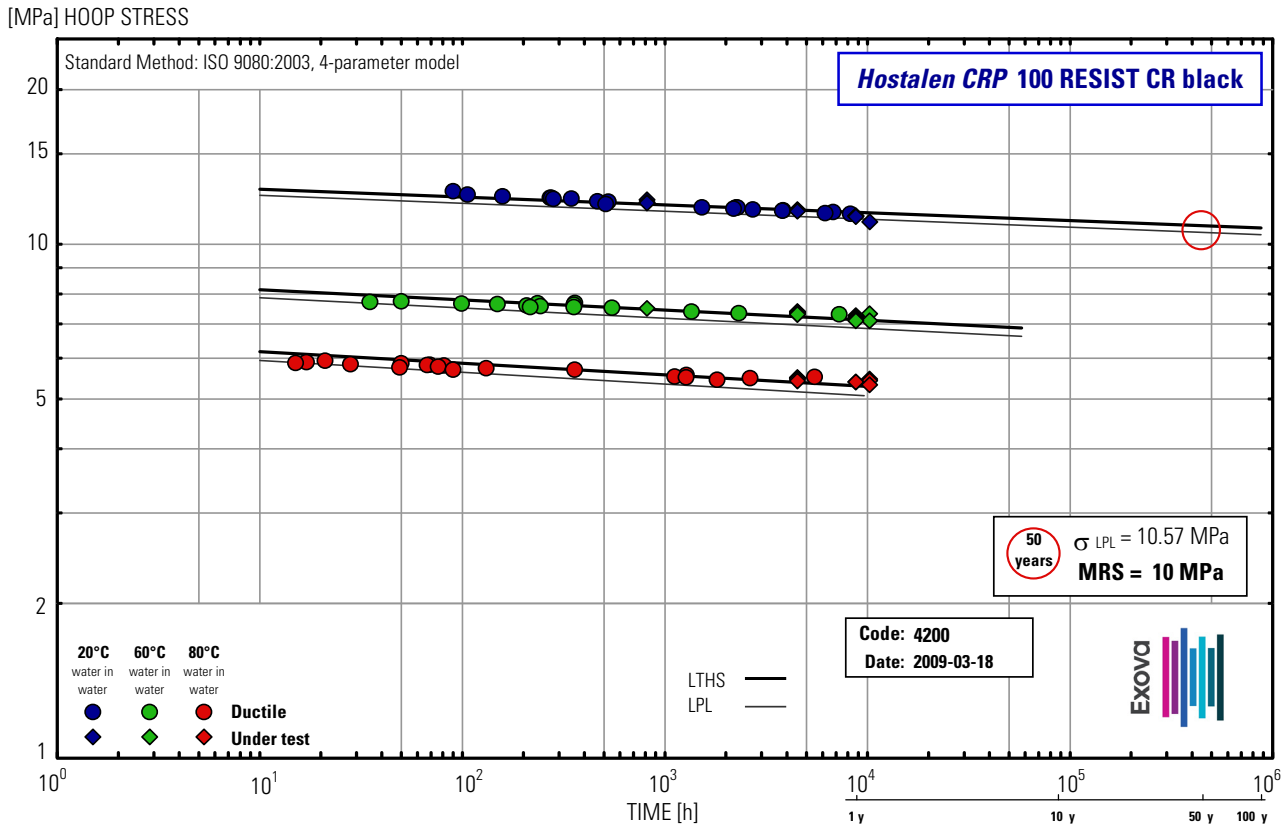


LyondellBasell Industries

## REGRESSION ANALYSIS ACCORDING TO ISO 9080 OF *HOSTALEN* CRP 100 RESIST CR BLACK



### 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 RESIST CR black from LyondellBasell Industries.

### RESULTS OBTAINED

The evaluation was performed in accordance with ISO 9080:2003. More information can be found in Exova report P-09/37.

#### EXTRAPOLATED STRENGTH VALUES

Temp [°C]	Time [Yrs]	$\sigma_{LPL}$ [MPa]	$\sigma_{LTHS}$ [MPa]
20	50	10.57	10.88
20	100	10.45	10.77
60	6.58	6.63	6.88
80	1.10	5.08	5.30

### CLASSIFICATION

**MRS = 10 MPa**

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