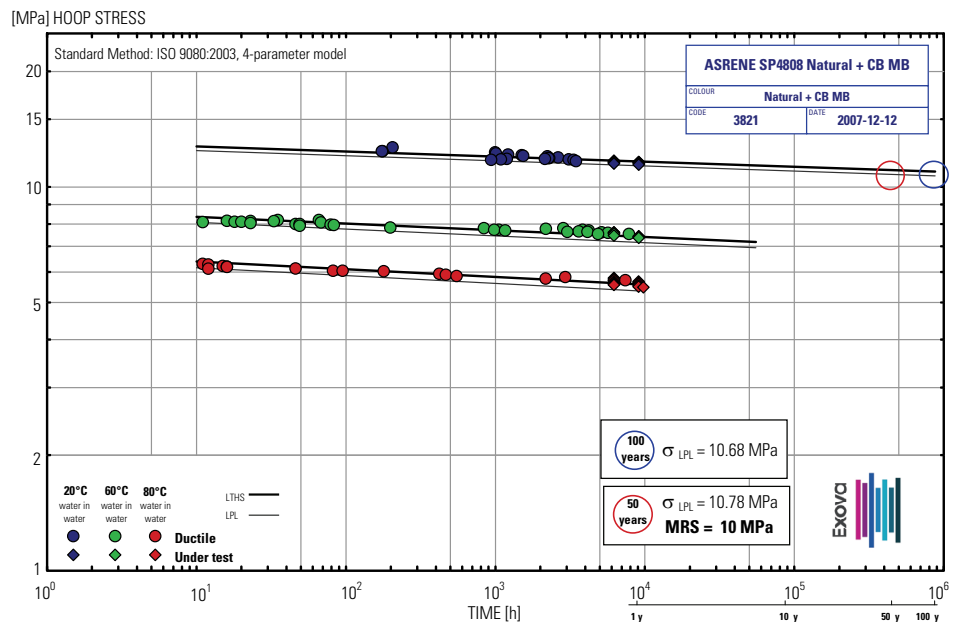


CLIENT: PT Chandra Asri

REGRESSION ANALYSIS ACCORDING TO ISO 9080 OF ASRENE SP4808 Natural + CB MB



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.

OBJECTIVE

The aim was to evaluate the PE pipe grade ASRENE SP4808 Natural + CB MB (Carbon Black Master Batch) from PT Chandra Asri according to ISO 9080 in order to obtain a MRS-classification according to ISO 12162

RESULTS OBTAINED

The evaluation was performed in accordance with ISO 9080:2003. More information can be found in Exova Report P-07/154.

EXTRAPOLATED STRENGTH VALUES

Temp [°C]	Time [Yrs]	σ_{LPL} [MPa]	σ_{LTHS} [MPa]
20	50.0	10.78	11.07
20	100	10.68	10.97
60	6.31	6.95	7.19
80	1.05	5.36	5.57

CLASSIFICATION

MRS = 10 MPa



Exova Nyköping Polymer
T +46 155 20 64 70
F +46 155 26 31 25
E info@exova.com
W www.polymer.exova.com

Exova Marketing centre
T +44 161 787 3291
F +44 161 787 3251
E info@exova.com
W www.exova.com