



Hyperdesmo Chemical and Hydrolytic resistance

Chemical and Hydrolytic Resistance of Hyperdesmo

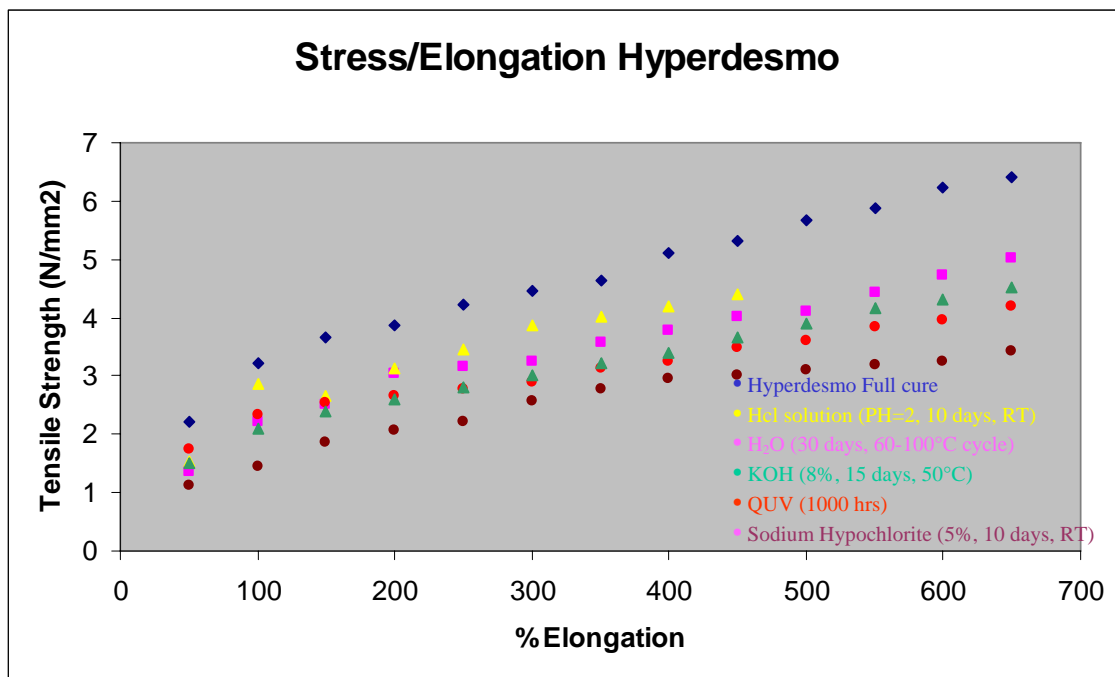
A series of severe tests are carried out on Hyperdesmo, In order to establish the resistance of the materials to chemicals and hydrolyzing environments.

Tests carried out:

- Hydrolysis (H₂O cycle 60-100° C, 30 days)
- Hydrolysis (Potassium Hydroxide 8%, 50°C, 15 days)
- Hydrolysis (HCl, PH=2, RT, 10 days)
- Chemical Attack (Sodium Hypochlorite 5%, RT, 10 days)
- QUV (1000 hrs, cycle UV condensation)

The resistance of the materials is described by the reduction in Tensile Strength after the predefined exposure period.

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	H ₂ O (30 days, 60-100°C cycle)	Hcl solution (PH=2, 10 days, RT)	QUV (1000 hrs)	KOH (8%, 15 days, 50°C)	Sodium Hypochlorite (5%, 10 days, RT)
HYPERDESMO %Reduction Tensile Strength	21	17,5	34	30	46