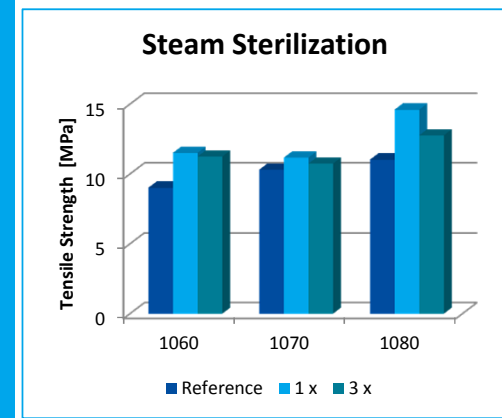
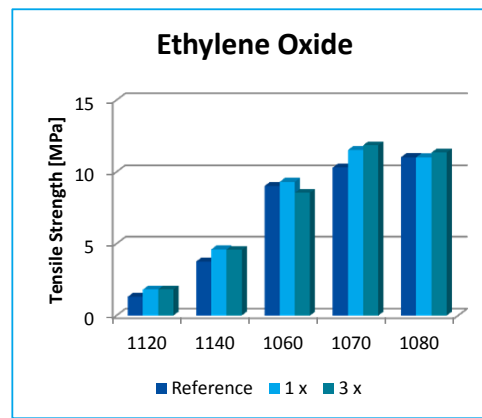
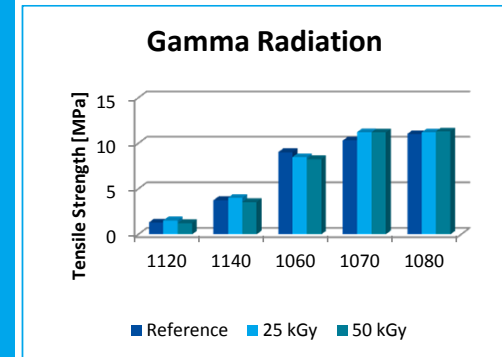
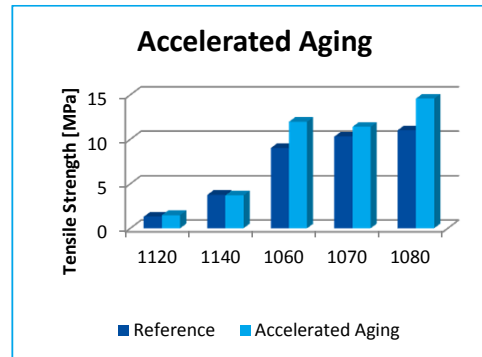


## Material Properties after Aging and Sterilization

Type	Treatment	Tensile Strength [MPa]	Elongation at Break [%]	Tensile Strength at Elong. 100 % [MPa]
ProvaMed® 1120	Reference	1,3	900	0,4
	Accelerated Aging <sup>1</sup>			
	1 y	1,5	930	0,4
	Gamma Radiation			
	25 kGy	1,5	810	0,4
ProvaMed® 1140	Reference	3,8	930	1,1
	Accelerated Aging <sup>1</sup>			
	1 y	3,7	1050	1,0
	Gamma Radiation			
	25 kGy	4,0	900	1,0
ProvaMed® 1060	Reference	9,0	1420	1,7
	Accelerated Aging <sup>1</sup>			
	1 y	12,0	1380	1,8
	Gamma Radiation			
	25 kGy	8,5	1180	1,5
	50 kGy	8,3	1220	1,5
	Ethylene Oxide <sup>2</sup>			
ProvaMed® 1070	Reference	10,3	1090	2,4
	Accelerated Aging <sup>1</sup>			
	1 y	11,4	1250	2,6
	Gamma Radiation			
	25 kGy	11,2	970	2,6
ProvaMed® 1080	Reference	11,0	690	3,9
	Accelerated Aging <sup>1</sup>			
	1 y	14,6	970	4,0
	Gamma Radiation			
	25 kGy	11,2	700	4,0

### Tensile Strength



All statements given on this product overview are made to the best knowledge and current technical practice. This overview can not be consulted as specification. None of the information given can be taken as guaranteed. Suitability and qualification for certain applications have to be tested by the customer. Actega DS reserves the right to revise and alter any given information due to technical or specification changes.

(1) 3,7 wks at 60°C according to ASTM F1980 - 07

(2) 270-500 mg/l

(3) 15 min.