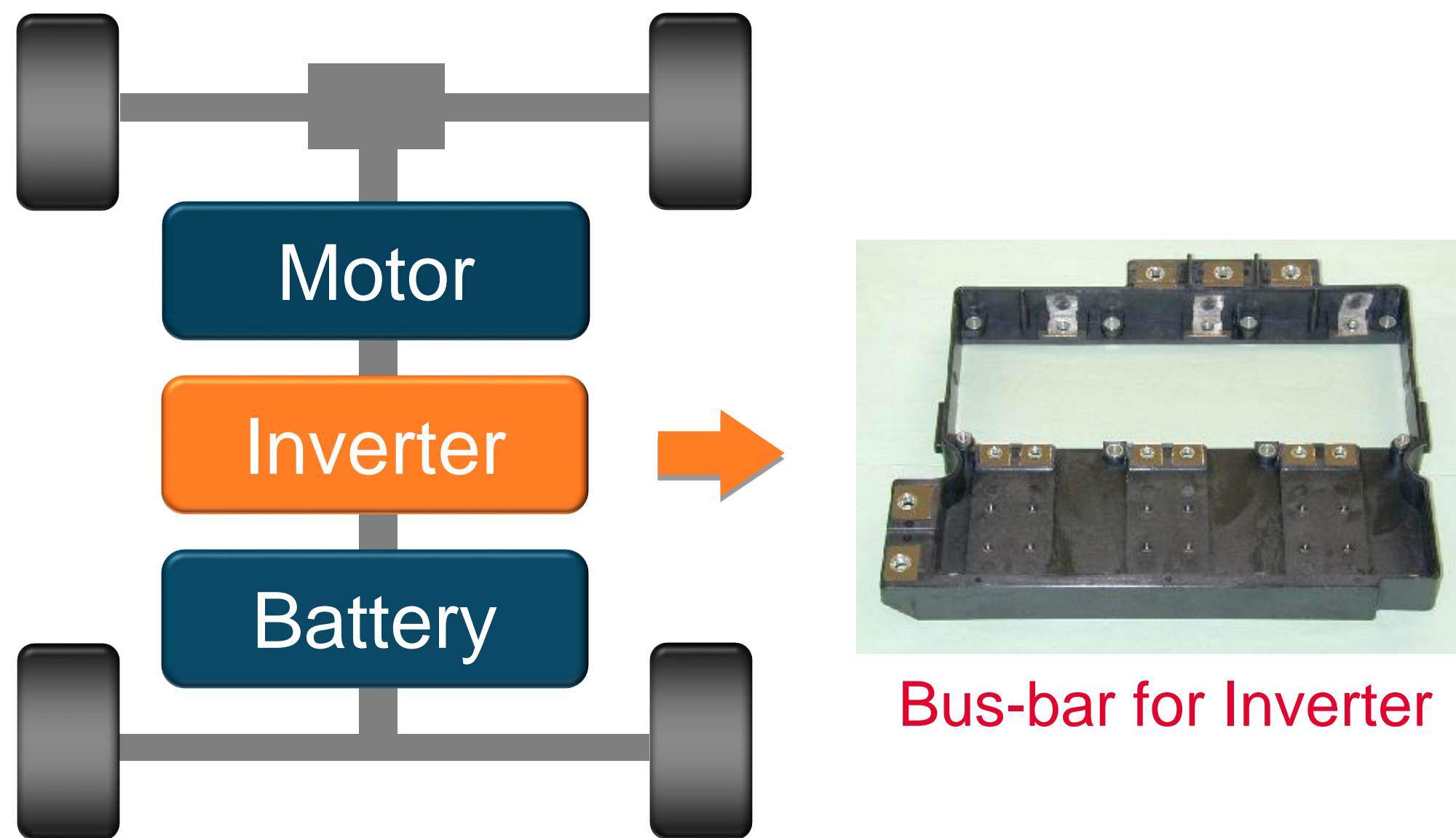


Super - tough PPS

EV Core Parts



Benefits

High weld strength

▶ High design flexibility

Thermal shock resistance

▶ Thin-wall and light weight mold products

Low gas during molding

▶ Void-free and good surface products

Low mold stain

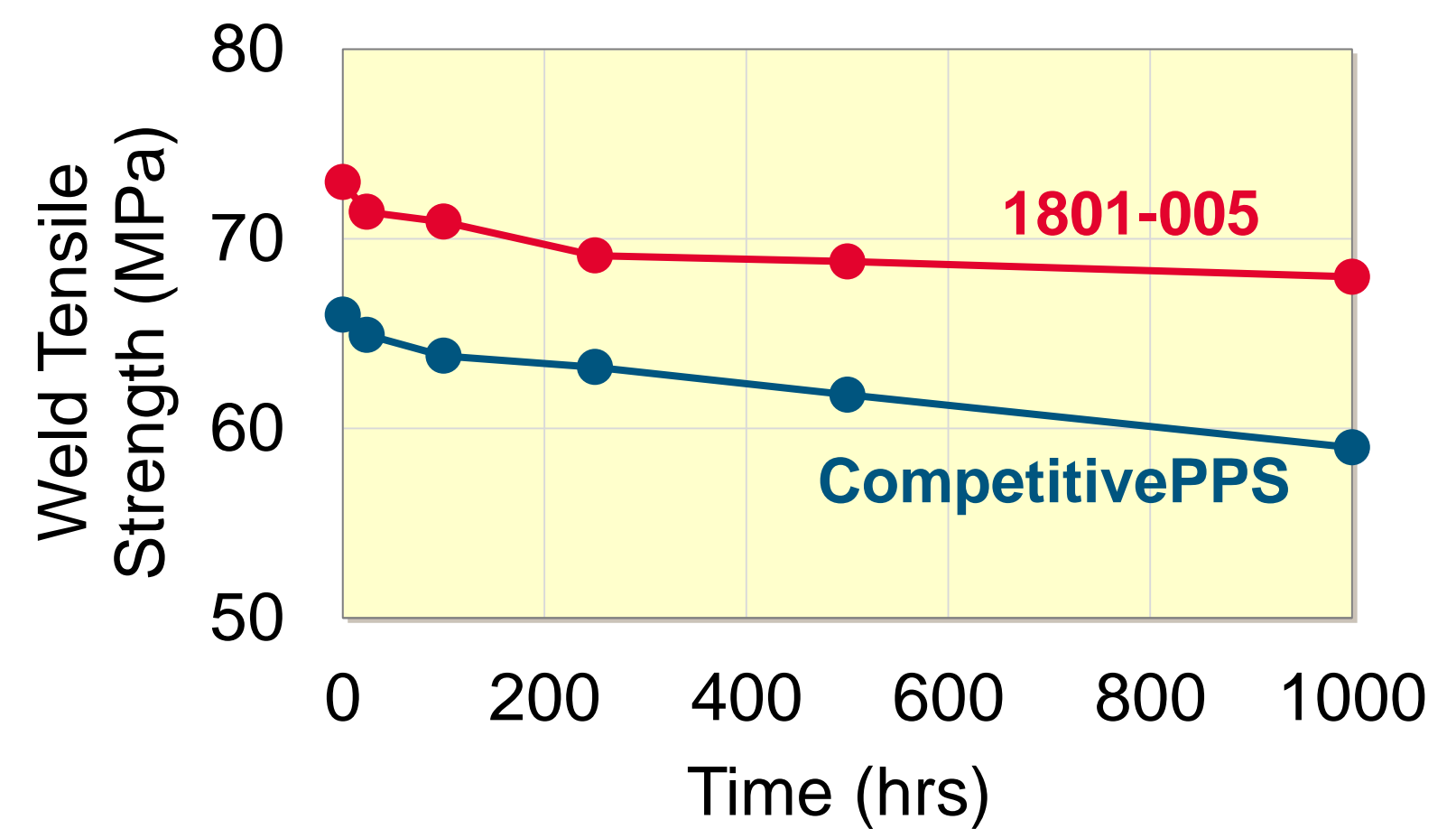
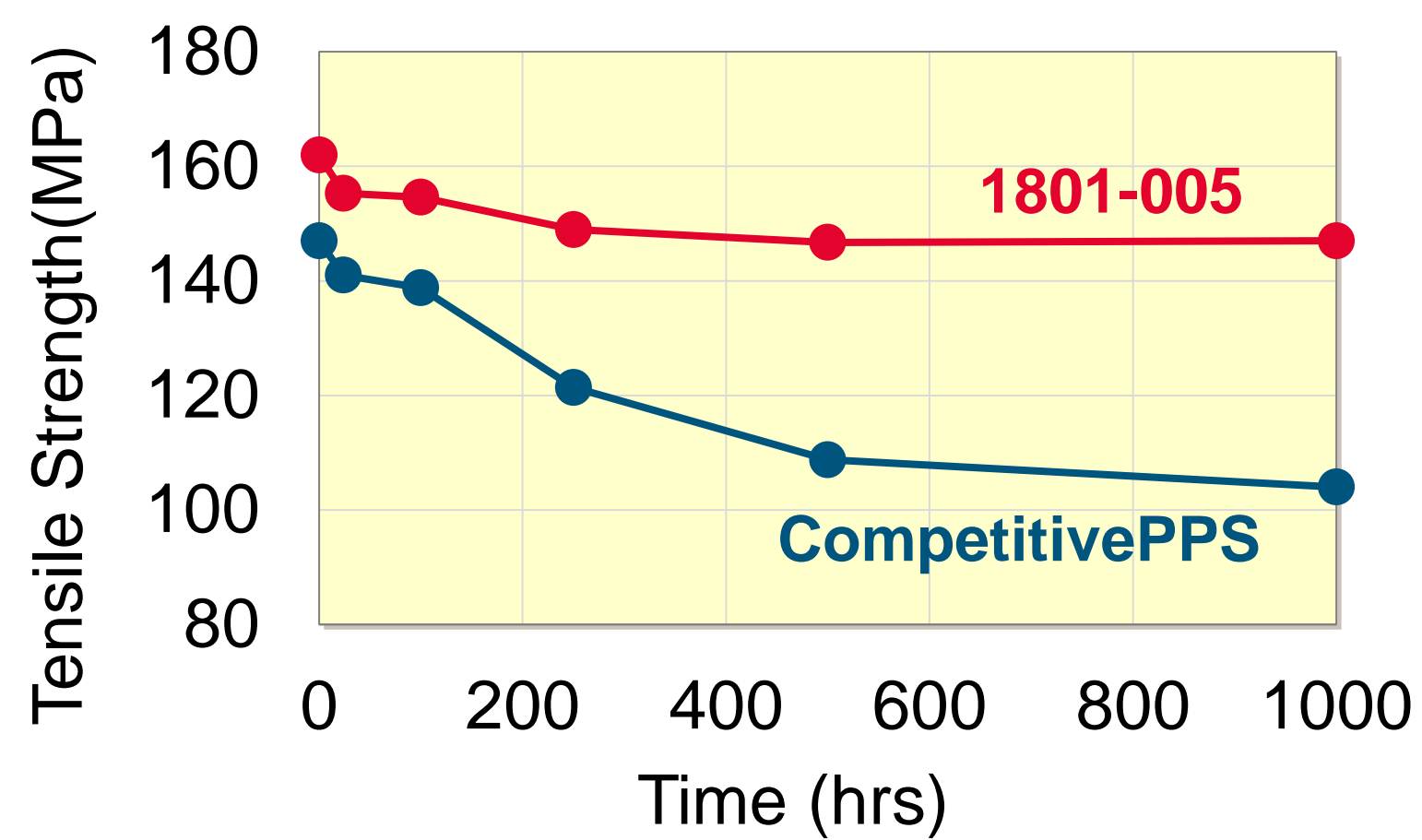
▶ Mold maintenance reduction

Data sheet

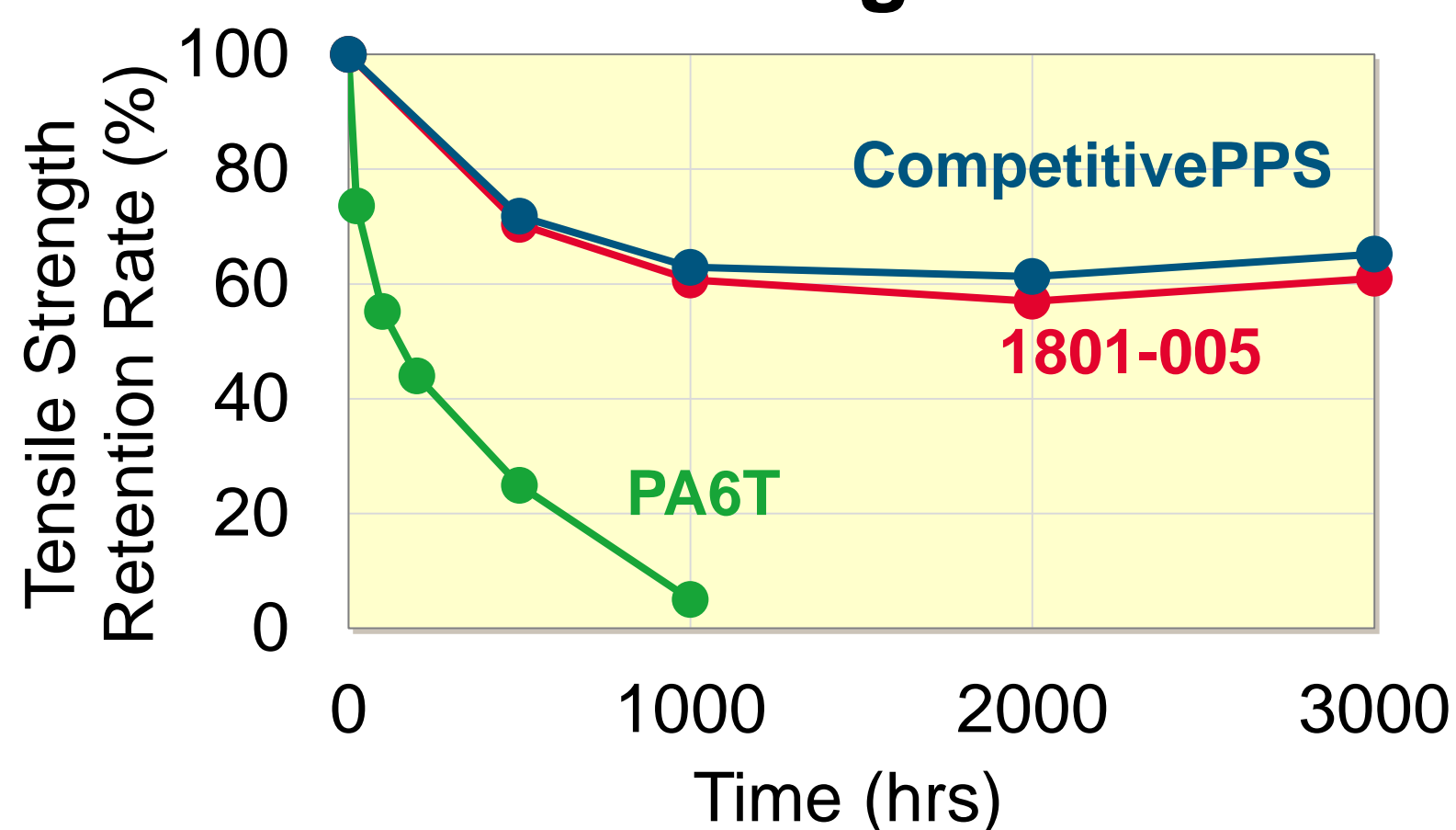
Test	Unit	Method	Tosoh Susteel® 1801-005	Tosoh Susteel® 1901-002	Competitive PPS	PA6T
			>PPS-I-GF30<	>PPS-I-GF30<	>PPS-I-GF30<	>PA6T-GF35<
Weld strength	MPa	ASTM D638	70	78	67	79
Thermal shock ¹⁾	Times	TOSOH	700	470	320	30
Gas emission ²⁾	ml/g	TOSOH	0.9	0.7	1.3	2.1
Stain ²⁾	%	TOSOH	0.02	0.02	0.05	0.11

1)-40°C×30min⇔150°C×30min 2)350°C×30min

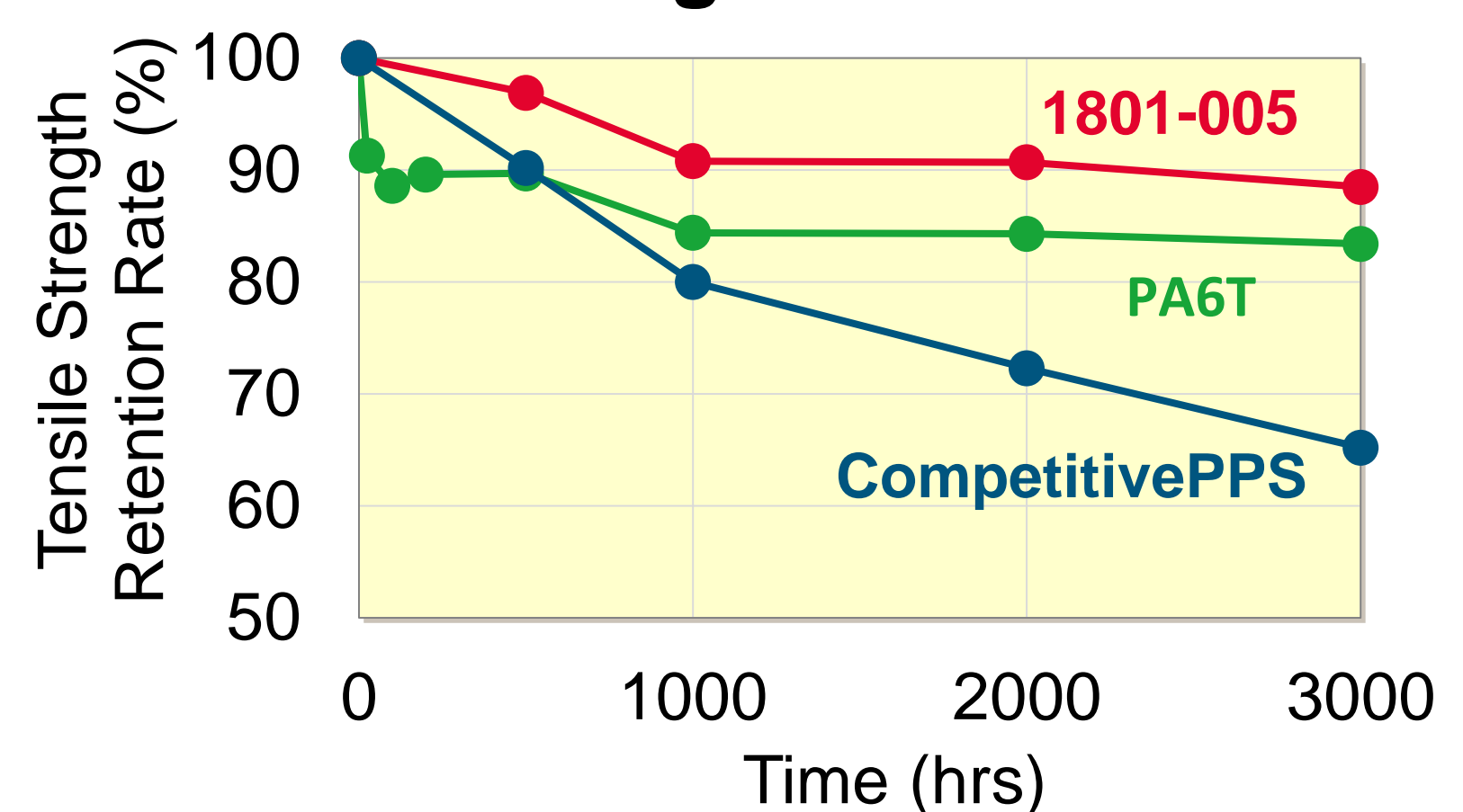
90 degC Hot Water



250 degC Air



85degC * 85%RH



All properties shown in this brochure are the typical values of the material. It is not guaranteed value. All properties can not guarantee qualities of your product.