



**CROSSTEC®**  
INSIDE

**LIGHT CURING**

# CUANTUM E PLUS LC

Unique instant, light curing and crosslinkable adhesive.

- **Bonding on command**
- **Dual curing /shadow curing**
- **Reinforced polymer structure (crosslinked)**
- **Increased durability**
  - Superior temperature resistance
  - Superior water resistance
  - Superior chemical resistance
- **Very low blooming**
- **Gap filling (several mm)**
- **Best instant curing adhesive in the market**

# **LIGHT CURING CYANOACRYLATE**

**+**

# **CROSS LINKED POLYMER STRUCTURE**

A unique, high performing combination, combining:

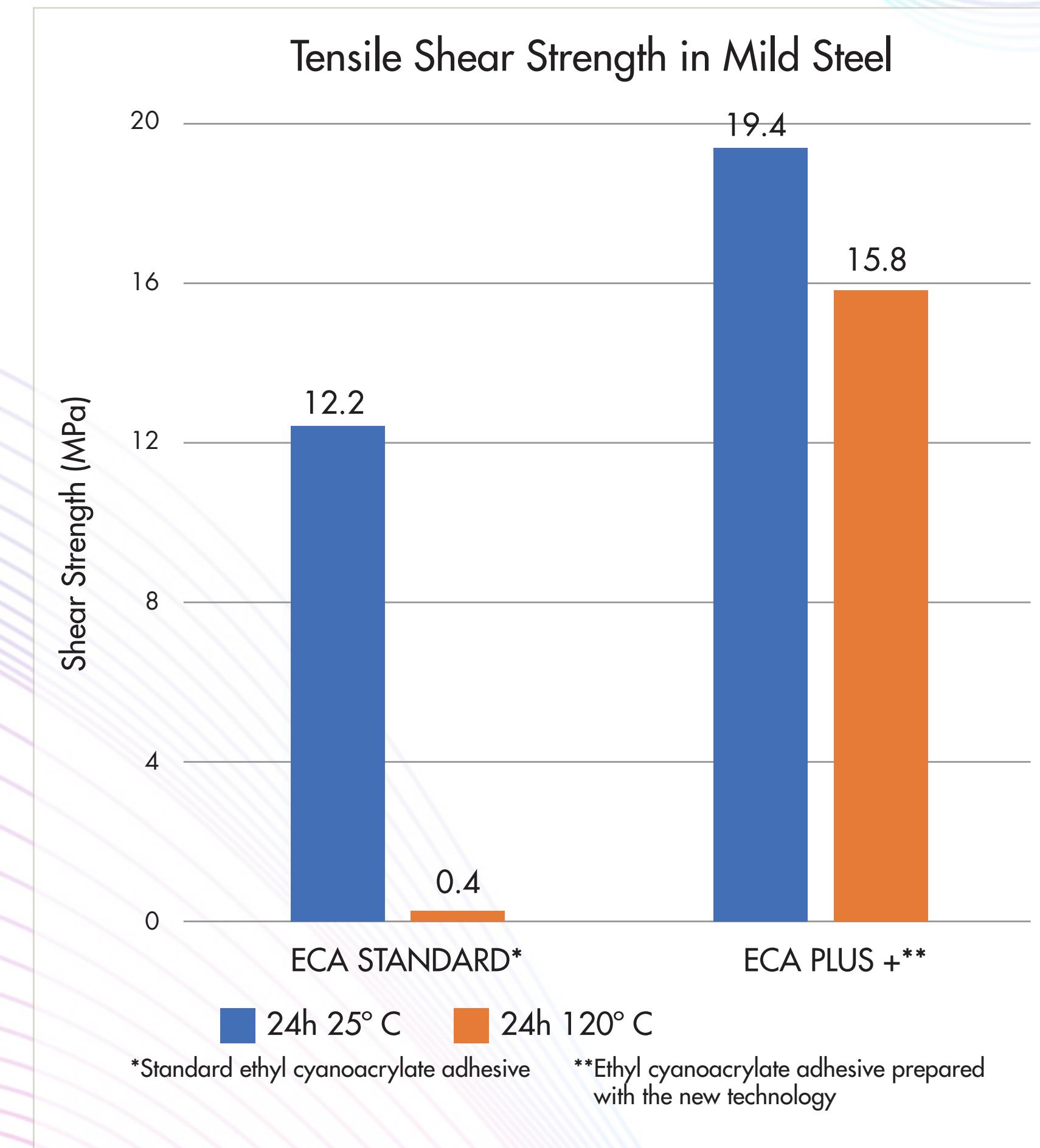
- Bonding on command / dry to touch
- Gap filling
- Low blooming
- Durability

Top technology for the professional, the industry an easy to use  
for home use.



## TEMPERATURE RESISTANCE / HOT STRENGTH

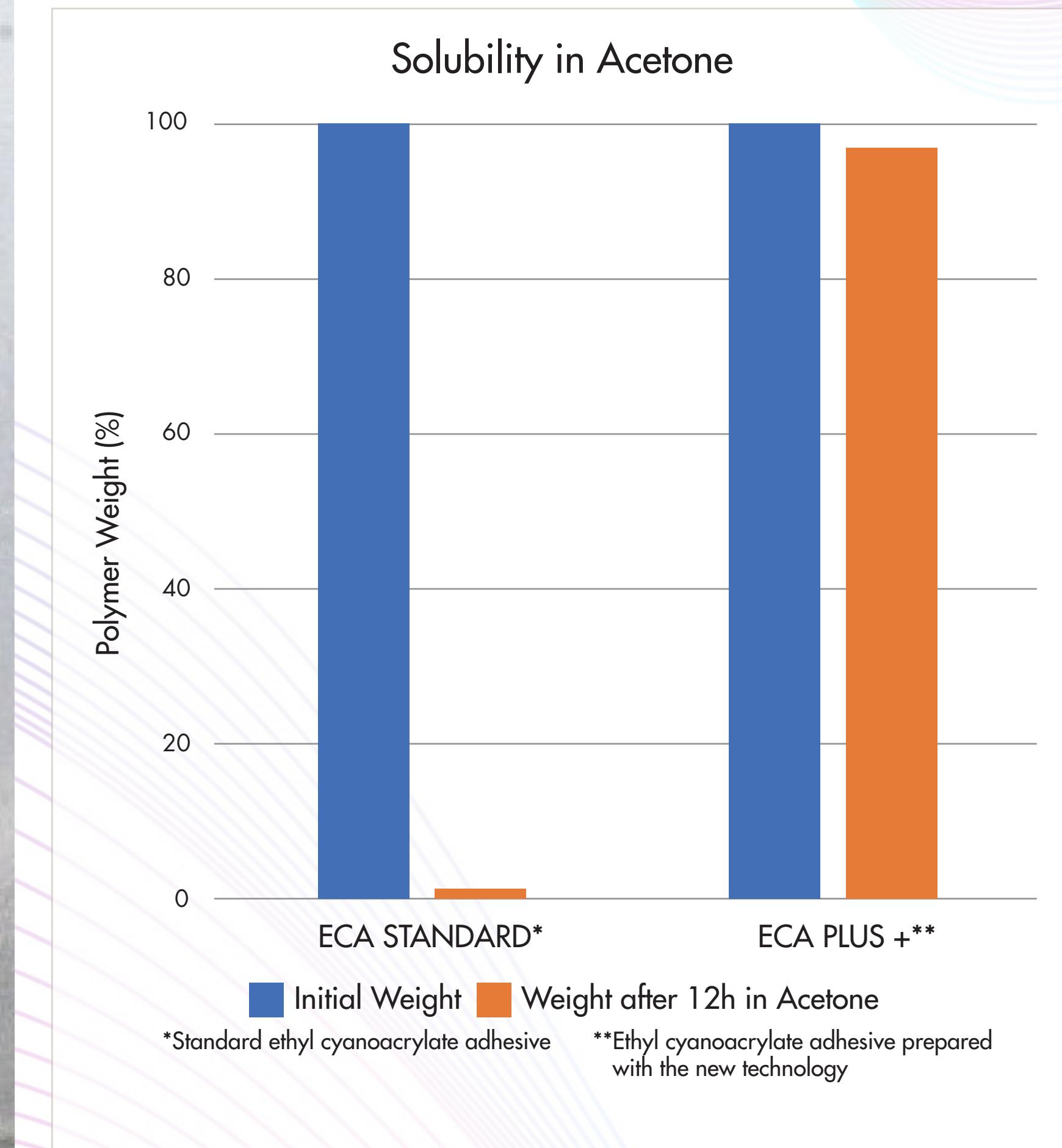
Crosslinked adhesives can be formulated to obtain improved thermal resistance performance up to 120° C (Service temperature).



- Formulation provide increased adhesion for freshly prepared bonded specimens (blue) and after 24 hours at 120° C, and measured at this temperature (120° C) (orange).

## CHEMICAL RESISTANCE

Crosslinked polymerized CA adhesives are resistant to solvents and other unfavorable chemical environments.

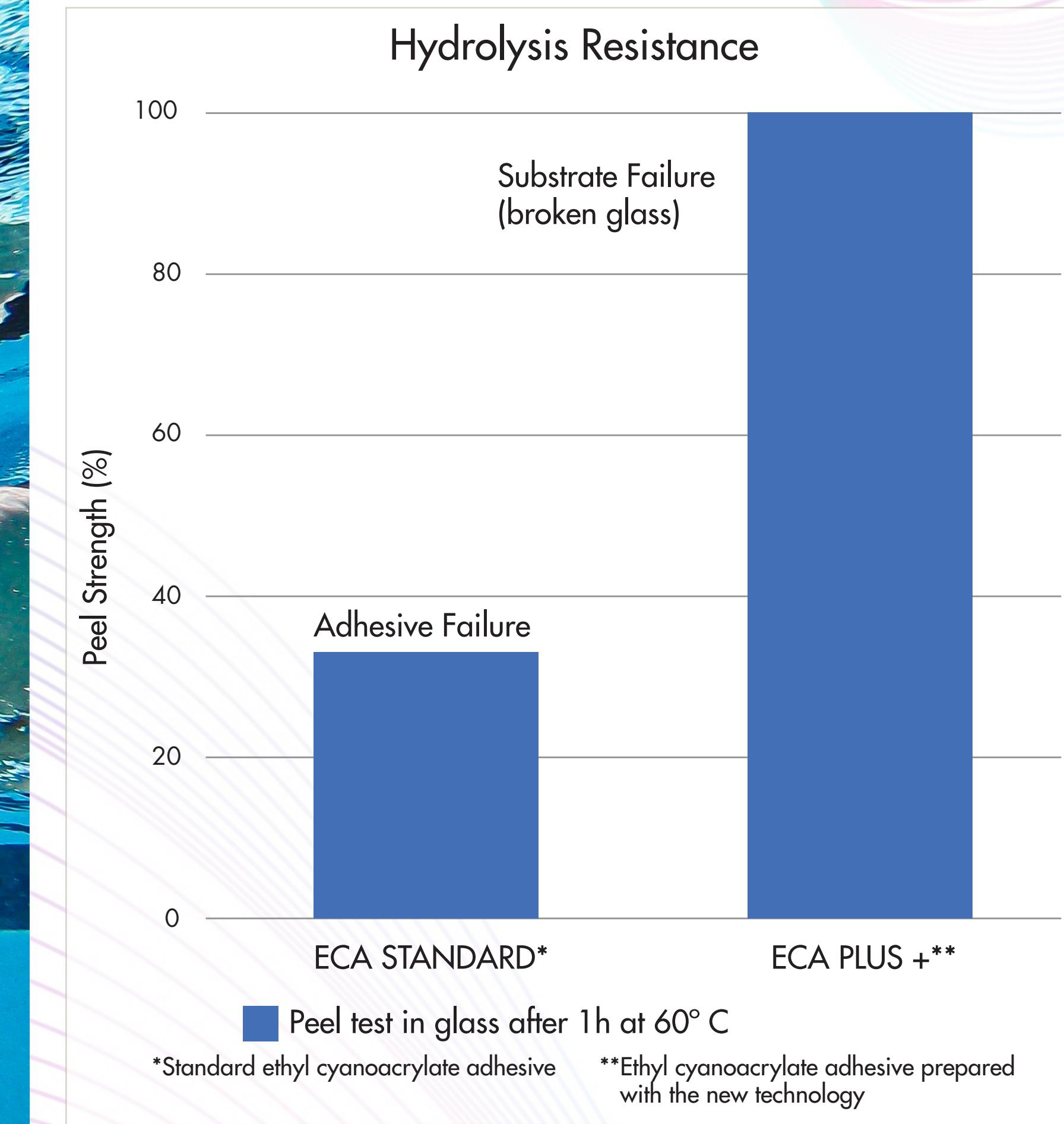


- Crosslinked polymer specimens retain up to 98% of their initial weight after 24 hours stirred in acetone at room temperature.



## HUMIDITY RESISTANCE

Crosslinked adhesives present improved hydrolysis and humidity resistance.



- Rigid to rigid glass joint peel test for crosslinkable and standard ethyl CA based formulations, show substrate failure vs adhesive failure, respectively.

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vs

# Top ethyl based cyanoacrylate (From market leaders)

