



# BYLAMET EL-400

## Description

Bylamet EL-400 shows better properties of impact resistance, peeling resistance, water resistance and heat resistance than regular Bylamet types. Bylamet EL-400 bonds a variety of metals as well as other materials cyanoacrylates can bond.

## Physical Properties

	Liquid	Solid
Chemical Base	Ethyl / n-butyl cyanoacrylate	
Colour	colourless, translucent	colourless
Density at 20° C [g/ml]	1,1	1,21
Refractive Index $n_{\frac{20}{D}}$	1,439	1,490
Flash Point [°C]	> 81	
Boiling Point [°C]	65 / 6 mm Hg	
Shore A		80 ~ 90
Viscosity [mPas]	3000 ~ 5500	

## Cure Speed

Materials	Seconds
Steel/Steel	< 20
Aluminium/Aluminium	< 15
PVC/PVC	< 10
Nitrile Rubber/Nitrile Rubber	< 5
Neoprene/Neoprene	< 5
EPDM/EPDM	< 5
Leather/Leather	5 ~ 20
Wood/Wood	30 ~ 75

## Tensile shear strength (after 24 hours at 20° C [N/mm<sup>2</sup>], † substrate failure)

Materials	Strength
Steel/Steel	> 11
Aluminium/Aluminium	> 10
Nitrile Rubber/Nitrile Rubber	> 8 †
Polycarbonate/Polycarbonate	> 5 †

Above stated instructions are indicative only and no responsibility can be assumed. We recommend to check suitability of our products for your purpose by doing tests on your own.

BYLA GmbH  
Industriestraße 12  
D-65594 Runkel

Telefon +49/(0)6482/91200

Telefax +49/(0)6482/912011

Internet: <http://www.byla.de>

eMail: [contact@byla.de](mailto:contact@byla.de)