



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/mm²], † 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.