

# BYLLUX 5791|1350

## Description

Byllux 5791|1350 is a solvent free, one-component adhesive with medium viscosity curing with UV-A light.

It has been specially developed for bonding needles into hubs for syringes and similar.

## Technical Data

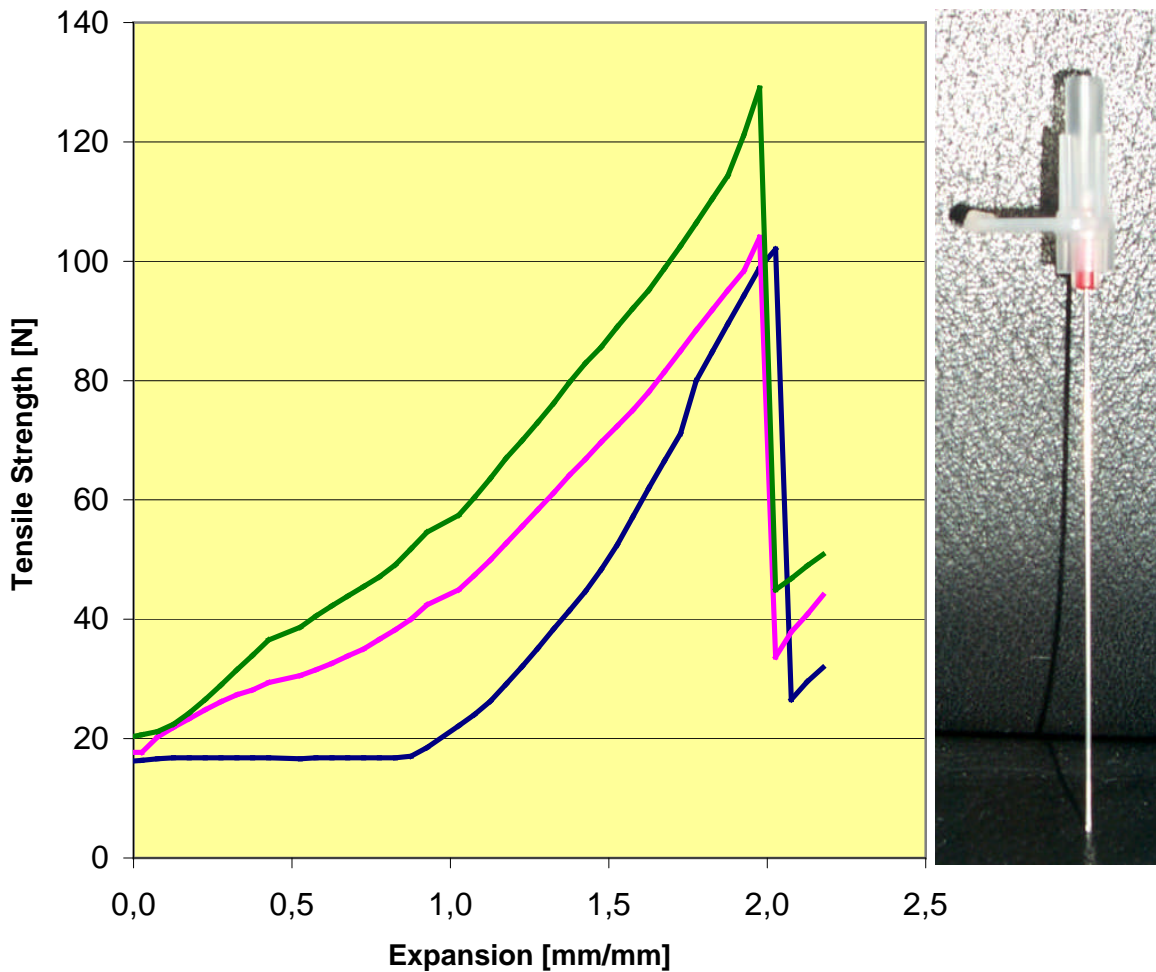
Appearance	colourless
Colour Index [Gardner]	< 3
Density [g/ml]	1,1
Dry content [%]	100
Free Acid [mg KOH/g]	< 5
Refraction index	1,51
Viscosity [mPas]	1200 ~ 1600
UV wavelength [nm]	350 ~ 400
Curing time [sec] UV intensity 35 mW/cm <sup>2</sup>	1 ~ 3
Tensile Strength [N]	90 ~ 120 Hub/Needle
Temperature range [°C]	-50 ~ +120
Security warnings	Xi, irritating

## Health and Safety

The material may cause allergic reaction of skin. Therefore contact to skin should be avoided. If there is contact to the eyes spoil with a sufficient amount of water and attend a physician. Take care for good ventilation, do not inhale vapour!

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.

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The above figure shows typical values to pull needles (steel) out of a hub (polypropylene) after bonding with Byllux 5791.

For the picture the adhesive is red coloured.

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