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## TECHNICAL DATA SHEET

### Cyberbond U 320

Profile:

Very good adhesion on “one use” type packaging such as Plastic blisters, used as an alternative to welding

#### Physical Properties

##### A. Monomer (liquid)

Basic Monomer appearance	mod. Acrylate clear	
viscosity at 20 °C	20 - 60	mPa*s
density at 20 °C	1,05	g/cm <sup>3</sup>

##### curing time at ...

optimal wave length	320 - 425	nm
UV-A 20 mW / cm <sup>2</sup> with LED lamp, 365 nm	< 7	sec
UV-A 100 / cm <sup>2</sup> , F-lamp	< 3	sec
tack free surface	yes	
storage guarantee*	12	months

##### B. Polymer (solid)

Tensile strength PC	19 - 26	N/mm <sup>2</sup>
Tensile strength PMMA	n.r.	N/mm <sup>2</sup>
Tensile strength Glass	n.r.	N/mm <sup>2</sup>
Tensile strength PETG	10 - 14	N/mm <sup>2</sup>
Tensile strength Steel/Glass	n.r.	N/mm <sup>2</sup>
temperature range	-55 bis 120	°C

\*at room-temperature and unopened container

n.r. = Not recommended

The data mentioned in this data sheet, particularly the recommendations for application and use of products are based on our recent knowledge and experience. Due to the fact of having so many different materials involved and conditions of applications which are out of our influence, we strongly recommend to do sufficient tests in order to guarantee that Cyberbond products are suitable for the intended process and applications. Except for wilful acts any liability based on such recommendations or any verbal advice is hereby expressly excluded.

