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## TECHNICAL DATA SHEET

### **Cyberbond 2003**

Profile:

Universal product, applicable to plastic, metal, elastomers

#### **Physical Properties**

##### *A. Monomer Cyanoacrylate (fluid)*

|                   |            |                     |
|-------------------|------------|---------------------|
| Monomer Base      | Ethylester |                     |
| Appearance        | colourless |                     |
| Viscosity at 20°C | 55 - 85    | mPa*s               |
| Density at 20°C   | 1,05       | g / cm <sup>3</sup> |
| Flashpoint        | 85         | °C                  |

##### *Setting times on...*

|                    |         |         |
|--------------------|---------|---------|
| Metal (steel)      | 45 - 70 | seconds |
| Plastic (ABS)      | 5 - 7   | seconds |
| Elastomer (EPDM)   | 6 - 10  | seconds |
| Wood (beech)       | > 70    |         |
| Storage stability* | 12      | months  |

##### *B. Polymer Cyanoacrylate (solid)*

|                                  |            |                     |
|----------------------------------|------------|---------------------|
| Tensile strength on rubber (NBR) | # 64       | N / cm <sup>2</sup> |
| Tensile shear strength on steel  | 12 - 22    | N / mm <sup>2</sup> |
| Temperature range (Polymer)      | -55 to +95 | °C                  |

#=material failure

\*at room temperature in unopened original containers

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.

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