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TECHNICAL DATA SHEET

Frame Fast[®] FF 290

Profile:

high viscosity, normal curing; bonds plastic and metal fabrics to aluminium, steel and wooden frames

ideally used by means of Frame Fast[®] Activator

Physical Properties

A. Monomer Cyanoacrylate (fluid)

| | | |
|-------------------|----------------------|---------------------|
| Monomer Base | Ethylester | |
| Appearance | colourless, clear | |
| Viscosity at 20°C | 1.200 – 1.800 | mPa·s |
| Density at 20°C | 1,06 | g / cm ³ |
| Flashpoint | 85 | °C |

Setting times on...

| | | |
|--------------------|---------|---------|
| Metal (steel) | 35 - 70 | seconds |
| Plastic (ABS) | 6 - 9 | seconds |
| Elastomer (EPDM) | 3 - 7 | seconds |
| Wood (beech) | > 60 | seconds |
| Storage stability* | 12 | months |

B. Polymer Cyanoacrylate (solid)

| | | |
|----------------------------------|-------------|---------------------|
| Tensile strength on rubber (NBR) | # 62 | N / cm ² |
| Tensile shear strength on steel | 11 - 22 | N / mm ² |
| Temperature range (Polymer) | -55 bis +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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