

Press information

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Steinbach/Taunus, 12 February 2018

New, flexible adhesive for PEEK

Panacol has developed an extremely flexible adhesive, which adheres particularly well to hard to bond plastics including PEEK: Vitralit® UV 4802 is a one-component acrylic system that cures very fast when exposed to light.

Vitralit® UV 4802 is a light curing adhesive based on acrylate resin, which features excellent adhesion to many plastics such as PEEK, PEN and TPU, that are typically hard to bond with conventional adhesives. This adhesive also adheres very well to ceramics and glass. Vitralit® UV 4802 is highly resistant to heat: tests have shown that the adhesive keeps its soft and flexible characteristics even after being exposed to temperatures of 150°C for seven days. Thanks to its high flexibility the adhesive is perfectly suited for bonding thin and bendable materials.

Vitralit® UV 4802 is of pink colour and cures within seconds under a UV or visible light source. Both gas discharge lamps and LEDs like the LED SPOT 100 from Hoenle are suitable for curing. Once cured, the adhesive fluoresces and which enables inspection of the bondline under black light.

About Panacol:

Panacol-Elosol GmbH, a member of the global Hoenle group, is an international supplier of adhesives with an extensive product range that includes UV curable adhesives, structural adhesives, and conductive adhesives. Panacol is also a reliable provider of UV processing systems, supported by Dr. Hoenle AG. Hoenle is a global technology leader and manufacturer of industrial UV curing devices and systems.