

**DESCRIPTION**

NANOCRYL® C 153-10 shows the highest performance in scratch- and abrasion-resistance without influencing the gloss or transparency of the cured UV-coating.

**KEY BENEFITS**

- highest scratch- and abrasion-resistance
- suitable for all gloss levels
- totally transparent

**EFFECT****Scratch- and abrasion resistance****No decrease of gloss & transparency****Barrier effect****Flexibility****Reduction on cure shrinkage****Adhesion on glass/aluminium****SUITABILITY****waterborne****solventborne****2-pack 100%****radiation-curing**

● not suitable ● partly suitable ● suitable

**TYPICAL APPLICATIONS**

- Metal UV-coatings
- Plastic UV-coatings
- Glass UV-coatings
- Wood UV-coatings

**TECHNICAL DATA**

**active matter content** 50 wt-%

**appearance** clear

**base resin** ethoxylated trimethylolpropanetriacrylate (TMPEOTA)

**chemical description** 50 wt.-% 20 nm nano silica particles in ethoxylated trimethylolpropanetriacrylate (TMPEOTA)

**solvent** -

**viscosity at 25 °C** Approx. 1000 mPas

**RECOMMENDED ADDITION LEVEL**

As supplied calculated on total formulation: 10 - 20 %

**PROCESSING INSTRUCTIONS**

Addition in delivery form after the grinding stage under stirring for homogenisation.

**HANDLING & STORAGE**

When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 12 months from the date of manufacture.

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