

UHU® HART PLASTICS

CRYSTAL CLEAR SPECIAL ADHESIVE FOR BONDING RIGID PLASTIC MATERIALS



CURE TIMES*

Final bonding strength after: approx. 24 hours

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

TECHNICAL PROPERTIES

Water resistance: Very good

Temperature resistance: -30°C to approx. +90°C

Chemicals resistance: detergents, oil and alcohol

TECHNICAL SPECIFICATIONS

Appearance: colourless, clear solution

Chemical base: acrylic ester/ PVC copolymer

Viscosity: approx. 20-25 mPa.s.

Solid matter: approx. 19-22 %

Density: approx. 0.9 g/cm³

Specifications: Consistency: low viscosity

Flash point [°C]: -19

STORAGE CONDITIONS

Store in tightly closed packaging in a dry, cool and frost-free place.

PHYSIOLOGICAL PROPERTIES

The dried adhesive is inert, completely neutral and physiologically safe.

PACK SIZES

30 g

PRODUCT DESCRIPTION

Crystal clear special adhesive for bonding rigid plastic materials like ABS, PVC, acrylic glass, polycarbonate, also in combination with wood, paper, metal, glass und ceramics.

FIELD OF APPLICATION

Suitable for PS, ABS, SAN, SB, ASA, PVC, PMMA, CN, CAB, PC also in combination with phenolic resins (Bakelite®), melamine resins (Resopal®), glass fiber and reinforced polyester. Not suitable for Styrofoam®, PE, PP, PA, POM, PTFE, silicone.

PROPERTIES

- usable for all common rigid plastics
- temperature resistant from -30°C up to +90°C
- resistant to oil, water, diluted acids and bases

PREPARATION

Personal safety: The adhesive contains volatile, highly flammable solvents. Therefore, corresponding safety measures should be take reagrding processing and storage. When gluing ensure adequate ventilation.

Surface requirements: The surface must be dry, clean and free of dust and grease.

APPLICATION

Directions for use:

Apply a thin layer on one surface, then press immediately together the materials to be bonded.

Stains/residue: Remove fresh glue stains as soon as possible. Cured adhesive residue can only be removed mechanically.