



Product Manual(TDS)

Urethane acrylate BW 8004

Product introduction

BW 8004 is an aliphatic two-functional urethane acrylate with good flexibility, good resistance to boiling and yellowing, and excellent hand feel. It is widely used in 3C plastic substrates and automotive interiors, as well as metal and wood substrates.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.02
Appearance (25°C)	clear or crystallize liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	150-250	Refractive Index(n_d at 25°C)	1.45
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Excellent yellowing resistance;
- Excellent flexibility;
- Excellent cracking resistance;
- Good hand feel;

Applications

- It is used in UV hand feel paint, rubber paint.

Packaging

- In 20 kg plastic drums
- In 200 kg metal drums

Storage

- Store in a properly sealed container, away from sunlight and heat;
- At normal room temperature storage conditions, the product storage stability of at least 6 months;
- Low temperature or long-term storage, this product may form a false plastic layer;
- This rheological change can be restored by stirring or slight heating (Maximum temperature 45°C);

It is especially suggested that the above data and suggestions are based on experimental data, but due to the uselessness of users, we can not provide any guarantee for the integrity and accuracy of the information.

We recommend that customers choose our products and adopt them. Determine their applicability before making our recommendations.

