

Product Manual(TDS)

Urethane acrylate BW 8252

Product introduction

BW 8252 is an aliphatic urethane acrylate, featuring good yellowing resistance, good leveling, and excellent flexibility. It provides high leveling and good yellowing resistance to the paint film, making it particularly suitable for applications such as UV spray top coat, roller coating, UV nail polish, and other related fields.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.08
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	3,000 - 5,500	Refractive Index(nd at 25°C)	1.47
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Good yellowing resistance;
- Good flexibility;
- Good leveling;

Applications

- It is used in UV spray top coat, UV roller coating, UV nail polish.

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 (up to 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.

