

Product Manual(TDS)

Polyurethane acrylate BW 8235

Product introduction

BW 8235 is a difunctional aliphatic polyurethane acrylate featuring low viscosity, good toughness, easy demolding, and more. It can offer good toughness and easy to remove from the mold, making it particularly suitable for applications such as UV plastic coatings, UV inks, and UV nail polish.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.14
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	4,000 - 8,000	Refractive Index(n_d at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 2	Tensile Strength (MPa)	-

- Fast curing speed;
- Easy to demold;
- Good toughness;

Applications

- It is used in applications such as UV plastic spray coatings, UV nail polish varnishes, and UV inks.

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.

