

Product Manual(TDS)

Urethane acrylate BW 8530A

Product introduction

BW 8530A is a difunctional aliphatic urethane acrylate featuring good chemical resistance, fast curing speed, and excellent resistance to boiling water and heat. It offers good surface dryness, toughness, and tensile rebound resilience, making it particularly suitable for applications such as UV plastic coatings, membrane substrates, and UV adhesives.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.14
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	60,000 - 100,000	Refractive Index(n_d at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Good heat resistance;
- Good toughness;
- Good weatherability;
- Fast curing speed;

Applications

- It is used in nail polish primers, UV 3C coatings, UV transfer adhesives, UV adhesives, and other related applications.

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.

