



## Product Manual(TDS)

### Urethane acrylate BW 8535B

#### Product introduction

**BW 8535B** is a high molecular weight two-functional aliphatic polyurethane acrylate with excellent adhesion to substrates such as plastics and metals, low odor, high toughness, high weatherability, and excellent tensile and resilience.

#### Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.11
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	10000-25000	Refractive Index( $n_d$ at 25°C)	1.48
Color (APHA)	$\leq 60$	Elongation At Break (%)	223
Acid Value (mg KOH/g)	$\leq 1$	Tensile Strength (MPa)	24

- Low odor;
- High ductility;
- Excellent toughness;
- High resilience;

#### Applications

- It is used in UV inks, UV coatings, UV transfers adhesives and UV adhesives.

#### 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.**

