



Product Manual(TDS)

Urethane acrylate BW 8255

Product introduction

BW 8255 is an aliphatic polyurethane acrylate with excellent fullness, leveling and non-yellowing properties after passing through a UV machine. It is particularly suitable for large area UV spraying, rolling and drenching on white backgrounds without yellowing, and provides high leveling and yellowing resistance to the film.

Product characteristics

Functional	2.5	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.13
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	2000-5500	Refractive Index(n_d at 25°C)	1.49
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 2	Tensile Strength (MPa)	-

- Good toughness;
- Good leveling and fullness;
- Excellent yellowing resistance;

Applications

- It is used in large-area UV spraying, roller and curtain coating applications with non-yellowing white backgrounds.

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.

