

Product Manual(TDS)

Urethane acrylate BW 8016

Product introduction

BW 8016 is a five-functional silicone-modified polyurethane acrylate. It features low odor, low dyne value, high lubricity, fast curing, easy mold release, and more. It imparts excellent properties to the film, such as easy demolding, lubricity, and stain resistance, making it especially suitable for applications like UV coatings on films, UV 3C coatings, furniture coatings, and other related fields.

Product characteristics

Functional	5	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.12
Appearance (25°C)	Slightly muddy or transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	15,000-30,000	Refractive Index(nd at 25°C)	1.48
Color (APHA)	-	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Easy mold release;
- Good anti-graffiti effect;
- Good stain resistance;

Applications

- It is used in UV film coatings, 3C UV coatings, and furniture coatings.

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.

