

Product Manual(TDS)

Urethane acrylate BW 8293

Product introduction

BW 8293 is an aliphatic 6-functional polyurethane acrylate. It is particularly suitable for vacuum plating, plastics, furniture and parquet lacquers as well as inks, providing excellent film toughness and abrasion resistance.

Product characteristics

Functional	6	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.16
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	3,000 - 5,000	Refractive Index(nd at 25°C)	1.50
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	-

- Good abrasion resistance;
- Good chemical resistance;
- Good yellowing resistance;
- Good resistance to boiling water;

Applications

- It is used in UV plastics spraying, UV lacquers for furniture and parquet, UV coating etc.

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.

