

Product Manual(TDS)

Polyurethane acrylate BW A91

Product introduction

BW A91 is an aliphatic two-functional polyurethane acrylate. It has the characteristics of good plating, excellent resistance to boiling, anti-sagging, and no accumulation of edges. It is especially suitable for thin-coating vacuum plating primers to provide surface effects such as drawing and threaded surfaces.

Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.01
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	200 - 500	Refractive Index(n_d at 25°C)	1.42
Color (APHA)	≤ 60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤ 2	Tensile Strength (MPa)	-

- Good plating properties;
- Good resistance to boiling;
- Good anti-sagging properties;

Applications

- It is used in UV vacuum plating primer;

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.

