

Product Manual(TDS)

Urethane acrylate BW L416

Product Introduction

BW L416 is an aliphatic polyurethane acrylate with high tensile strength, especially suitable for adhesives, pressure-sensitive adhesives, nail polish and hand lacquers, etc. It has good adhesion and viscosity strength to various plastics, glass, metal and other materials.

Product characteristics

Functional	2	Hardness	75A
Active Ingredient (%)	100%	Proportion (25°C)	1.03
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	3
Viscosity (cps at 60°C)	20,000 - 45,000	Refractive Index(n_d at 25°C)	1.45
Color (APHA)	≤ 60	Elongation At Break (%)	642
Acid Value (mg KOH/g)	≤ 1	Tensile Strength (MPa)	5.5

- High tensile strength;
- Good flexibility;
- Excellent hydrolysis resistance;
- Good adhesive

Applications

- It is used in UV adhesion, UV nail polish, UV PSA.

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.



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