



Solmer

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Aliphatic Urethane Acrylate

SU 522

Descriptions

SU 522 is a hexa-functional aliphatic urethane acrylate oligomer developed for UV/EB cure coating applications requiring fast curing, high gloss and non-yellowing properties.

Features

- Good hardness and abrasion resistance.
- Good solvent resistance.
- Fast curing.
- High gloss and light color.
- Non-yellowing.

Specifications

- Viscosity (mPa.s, 60°C)	1,000 ~ 2,000
- Color (Gardner)	2 Max
- Density (g/cm ³)	1.19
- Molecular weight	1,000
- Functionality	6
- Polymer solid % by weight	100

Applications

- Method : spray, screen,
roll and curtain coating.
- Substrate : plastics, wood
- Wood coatings and fillers.
- Scratch resistance on plastics.

Handling

Storage :

Avoid continuous staying over than 40°C
Handle with care and avoid unnecessary
personal contact.

Avoid contact with eyes and prolonged or
repeated skin contact.

Avoid continuous or repetitive breathing of
dust.