



Solmer

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Aliphatic Urethane Acrylate

SU 5039

Descriptions

SU 5039 is a nona(9) functional aliphatic urethane acrylate oligomer developed for UV/EB cure coating applications requiring fast cure response, excellent hardness, very good abrasion resistance and non-yellowing properties.

Features

- Good abrasion resistance.
- Extreme fast cure response.
- Excellent hardness.
- Good stain resistance.
- Light color.
- Non-yellowing.

Specifications

- Viscosity (mPa.s, 60°C)	5,000 ~ 9,000
- Color (Gardner)	2 Max
- Density (g/cm ³)	1.19
- Molecular weight	No data
- Functionality	9
- Polymer solid % by weight	85
- DPHA % by weight	15

Applications

- Method : spray, screen, roll and curtain coating.
- Substrate : wood, plastics and vinyl flooring
- Plastic coating such as mobile phone (ABS,PC).
- Improve reactivity & viscosity in inks.
- Hard coating on film such as PET.
- Clear coatings.

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.