



Solmer

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Aromatic Urethane Acrylate

SU 720

Descriptions

SU 720 is a hexafunctional aromatic urethane acrylate oligomer which provides very fast cure response when exposed to ultraviolet light (UV) or electron beam (EB). Cured films of SU 720 exhibit high hardness and solvent resistance.

Features

- High gloss.
- Good solvent resistance.
- Good abrasion resistance.
- Good adhesion to various substrates.
- Light color.
- High hardness and scratch resistance.
- Fast cure speed.

Specifications

- | | |
|---------------------------------|-----------------|
| - Viscosity (mPa.s, 25°C) | 20,000 ~ 40,000 |
| - Color (Gardner) | 2 Max |
| - Density (g/cm ³) | 1.21 |
| - Molecular weight | 1,000 |
| - Functionality | 6 |
| - Polymer solid % by weight | 100% |

Applications

- Method : spray, screen, roll and curtain coating.
- Substrate : plastics, wood and plastics.
- Lithographic ink.
- Scratch resistant coatings on plastic.
- Improving cure speed, solvent resistance and Gloss.

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.