



# **Solmer**

## **SOLTECH LTD.**

368-2, SANMAKDONG, YANGSAN,  
KYOUNGNAM, 626-120, KOREA.

TEL : 82 55 387 6468

FAX : 82 55 387 6470

E-MAIL : [th.choi@uvpia.com](mailto:th.choi@uvpia.com)

URL : <http://www.uvpia.com>

## *Aliphatic Urethane Acrylate*

# **SU 520**

### Descriptions

SU 520 is a deca(10)-functional aliphatic urethane acrylate oligomer developed for UV/EB cure coating applications requiring good abrasion resistance, extreme fast cure response, high hardness and non-yellowing properties.

### Features

- Good stain and abrasion resistance.
- Extreme fast cure response.
- High hardness.
- Non-yellowing.

### Specifications

- Viscosity (mPa.s, 60°C)	2,500 ~ 3,500
- Color ( Gardner )	2 Max
- Density ( g/cm <sup>3</sup> )	1.20
- Molecular weight	No data
- Functionality	10
- Polymer solid % by weight	100

### Applications

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

### 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.