



Solmer

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Polyester acrylate

SP 220

Descriptions

SP 220 is a modified polyester resin diluted with 40% of tripropyleneglycol diacrylate (TPGDA). This resin is characterized by light colour and high acid number. Films of SP 220 cured by ultraviolet light (UV) or electron beam (EB) are soft and flexible, with good adhesion to paper, plastics and metals, making this product especially suited for use in laminating adhesives.

Features

- Acid modified polyester acrylate with TPGDA.
- Good adhesion on glass and plastics.
- Good adhesion for an interface between substrates.
- Light color.

Specifications

- | | |
|---------------------------------|-----------------|
| - Viscosity (mPa.s, 25°C) | 30,000 ~ 50,000 |
| - Color (Gardner) | 2 Max |
| - Density (g/cm ³) | 1.20 |
| - Polymer solid % by weight | 60 |
| - TPGDA % by weight | 40 |
| - Acid value | 30 ~ 40 |

Applications

- Method : lithographic, gravure, screen, roll and curtain coating.
- Substrate : plastics, glass, paper and metal.
- Overprint varnish.
- Post formable inks.
- Wet litho inks.

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.