



## TS-6082 热熔性丙烯酸酯 UV 树脂

Oligomers · Monomers · Photoinitiators · Additives

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### Hot-melt acrylic UV resin

Appearance	Colorless transparent colloid
Effective content	100%
Melting temperature℃	90-100
Acid value,mg KOH/g	max. 2
Relative Density	0.95-1.05
Functionality	3

**Applications:** TS-6082 is a trifunctional hot-melt UV resin with high hardness, good scratch resistance, and excellent chemical resistance. It cures quickly, making it suitable for surface coating and molding. It has low shrinkage and high tensile strength. At room temperature, the resin itself has no flowability or viscosity; it cures rapidly under UV light upon reaching its melting temperature, making it suitable for mercury lamps and LED light sources.

**Adhesives:** Hot-melt UV adhesives for coating organic and inorganic materials. Applications include pipe repair, membrane coating, room-temperature roll-up, die-cutting, and UV curing upon heating. It exhibits strong adhesion and resistance to high temperature and humidity, as well as thermal shock.

**Solubility:** Miscible with various common monomers. Miscible with esters, ketones, and aromatic solvents, but not soluble in single alcohol solvents.

**packing: 20kg Plastic buckets , 200kg iron drums**

*More detailed application references and MSDS are available upon request. ....*