Trust 7770

Di-functional Aliphatic Urethane Acrylates

INTRODUTION

T-7770 resin is recommended for use on surfaces of organic and inorganic materials that are difficult to adhere to, such as glass, oxidized metals, and copper-clad laminates. It has strong toughness and relatively high surface hardness. Better temperature resistance, no loss of gloss and matte color after high temperature of 260-300℃. It is used in the instantaneous high temperature of circuit board wave soldering, high temperature curing of wine bottle decals and other inks, and high temperature adhesives for electronic bonding.

TYPICAL VALUES

Tg(℃)	65
MW(GPC)	7200
Elongation at Break%	30
Colour, Gardner	2
Acid value,mg KOH/g	max. 3
Viscosity at 25℃,mPa.s	18500
Specific Gravity	1.05
Effective content	100%

APPLICATION

UV adhesive: Use T-7770 as a high-temperature UV adhesive, which can provide the most ideal bonding strength and water resistance. It does not contain monomers, has no irritating odor, and has fast curing and low shrinkage.

UV coating: Used as the main resin of vacuum plating UV primer for glass packaging products, BMC car lamp coating for high temperature requirements, and high temperature metal UV coating.

UV ink: UV screen printing ink of organic and inorganic materials to enhance adhesion performance. Special circuit board UV ink.

INTERMISCIBILITY

Monomer: In the field of glass and metal vacuum coating, it is recommended to use AM324 monomer with relatively low shrinkage, which can increase the curing rate and prevent the coating from becoming colorful and foggy.

In bonding applications, in order to reduce the impact of volume shrinkage of high-functionality monomers on adhesion, AM-319 monomer can be used to ensure adhesion.

Polymer: It can be well miscible with polyester, epoxy, polyurethane, phosphate ester, and acrylate to meet the needs of formula formulation.

Packing: **20kg plastic drums , 200kg iron drums**

More detailed application references and MSDS docket ……