

67300 Plexisol® P 550-40

Chemical characterization: Organic solution of an acrylic resin on the basis of butyl methacrylate.

Application:

Light-resistant soft resin, e.g. for the manufacture of depolymerizable ceramic layers, and for the manufacture of welding wires.

Drying: Physical evaporation of the solvent.

Dilution: Plexisol® P 550 can be diluted with esters, ketones, aromatics, glycol ethers, glycol ether acetates, chlorinated hydrocarbons. Is not very dilutable with alcohols.

Compatibility: Plexisol® P 550 is compatible with nitrocellulose, chlorinated rubber, vinyl resins, phthalate- and phosphate softeners. Not compatible with urea and melamine resins.

Typical Properties:

Solvent:	Special spirit 100/125	
Solid content:	40 %	
Viscosity, dynamic:	2800 – 5400 mPa·s	
Glass transition temperature (T _g):	25°C	(DIN 53 765)
Viscosity number:	35 cm ³ /g	(DIN 53 765)
Molecular weight (M _w):	65000 g/mol	
Density:	0.84 g/cm ³	(DIN 53 479)
Flash point:	-5°C	(DIN 53 213)

Storage:

Keeps for 12 months, if stored in the original container in a cool place. When stored over a longer period of time, it is possible that the special spirit separates from the solid contents. This, however, has no influence on the film properties. It is possible to homogenize the mixture by slightly heating and stirring.