

# Polyamide Resin

Co-solvent Soluble



**Other name:** Toluene soluble polyamide resin.

benzene soluble polyamide resin

**Appearance:** Light yellow granular or crushed solid.

## Properties

iSuoChem® polyamide resin offers excellent adhesion, moderate softening point, excellent water resistance, chemical resistance, good solubility in the mixed solution of benzene and alcohol, modulate ink applicability, timesaving, good fluidity, and high fastness to printing materials.

## Application

Be used for various gravure printing ink for plastics, varnish and seal coating, suitable for low speed to high-speed printing press.

iSuoChem® DT556 is specially developed for raising adhesion, can be used jointly with other grades, also can be used directly for untreated film, regenerated film and treated film which is less than 38 dyne of corona treatment.

## Specifications

Type	DT501	DT501H	DT508	DT588	DT556
Viscosity (mPa.s/25°C))	100~150	150~230	120~180	100~170	30~70
Softening point (°C)	110~130	110~120	140~200	100~120	85~95
Freezing point (°C)	< 7	< 7	/	0 ~ -8	0 ~ 3
Color (#)	7 max	7 max	7 max	7 max	10 max
Acid Value (mgKOH/g)	5 max	5 max	5 max	6 max	15 max
Amine Value (mgKOH/g)	5 max	5 max	5 max	6 max	3 max
High temperature resistance (°C)	/	/	100~150	/	/

Remark: Viscosity can be customized according to your request.

# Polyamide Resin

## Alcohol soluble

CAS NO. 63428-84-2

**Appearance:** Light yellow granular or crushed form.



### Properties

iSuoChem® alcohol soluble type of polyamide resin offers excellent alcohol solubility, good compatibility with nitrocellulose, superior freezing resistance, water resistance, anti-gelling properties, high gloss, good flow and pigment wettability, good adhesion to base material.

### Application

It's developed for high-speed flexible plastic printing ink, flexographic ink, anastatic ink, seal coating, beaded paint, etc.

### Specifications

Type NO.	DT610	DT610H	DT610A	DT636A	DT6245
Viscosity mPa.s/25°C	60~100	100~150	80~150	200~1000	100~200
Softening point °C	100~130	100~130	100~130	160~180	140~160
Freezing point °C	0 ~ 3	0 ~ 3	0 ~ -5	/	/
Color #	7 max	7 max	7 max	12 max	7 max
Acid Value mg KOH/g	5 max	5 max	5 max	15 max	6 max
Amine Value mg KOH/g	4 max	4 max	5 max	15 max	6 max
High temperature Resistance °C	/	/	/	150min	140~160

Remark: Viscosity can be customized according to your request.