



**DCC**  
colourants

Dynasty Colourants Co., Ltd.

## TECHNICAL DATA SHEET

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<b>Appearance</b>	<b>:</b>	<b>white or slightly yellow grain</b>
<b>Softening temperature(DIN 53180)</b>	<b>:</b>	<b>95-105°C</b>
<b>Iodine colorimetry value(DIN 6162)</b>	<b>:</b>	<b>≤3</b>
<b>Acid value(ISO3682,DIN 53402)</b>	<b>:</b>	<b>≤7 mgKOH/g</b>
<b>Hydroxyl value(ISO4629)</b>	<b>:</b>	<b>approx.40 mgKOH/g</b>
<b>Saponification value(ISO3681,DIN53401)</b>	<b>:</b>	<b>approx.50 mgKOH/g</b>
<b>Vitrification temperature(DSC)</b>	<b>:</b>	<b>60-75°C</b>
<b>Viscosity</b>	<b>:</b>	<b>≤500 mpa.s</b>

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**Performance and features:**It is suitable to be used for solvent coating,solvent inks,powder coatings,water-based coating and other areas.

**Solvent inks:** CPP:Improve dispersion and adhesion  
PA: Improve dispersion,gloss and adhesion.  
NC:Improve gloss and flexibility of the inks

**Coatings:** Automotive refinishing coatings.  
Alkyd resin.  
Alkyd/Amino baking coatings.  
NC coatings.  
Alkyd/Chlorinated resin coatings.  
Hot melts for road marking paint.  
Powder coatings.

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**Compatibility with other solvent:**

**Alcohol: Soluble**



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**Ketone: Soluble**

**Ester: Soluble**

**Aromatic hydrocarbon:Soluble**

**Fatty hydrocarbon:Soluble**

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**Compatibility with other resins:**

**Nitro cellulose:Soluble**

**Cellulose acetate butyrate:Soluble**

**Alkyd(long,middle,short): Soluble**

**Aldehyde ketone: Soluble**

**Melamine:Soluble**

**Petroleum resin:Soluble**

**Chlorinated rubber:Soluble**

**Phthalates:Soluble**

**Amino:Soluble**

**Aromatic and aliphatic epoxy resins:Soluble**