

## Cinipol™ Orange DJ2P Technical Data Sheet

<b>Chemical Class</b>	Perinone
<b>CI Generic Name</b>	Solvent Orange 60
<b>Color Index No</b>	564100

**Description**      **Cinipol™ Orange DJ2P** has the best lightfastness and heat resistance for a Polymer Soluble Dye in this colour area. All-round properties and high value in use make it suitable for almost every kind of downstream application. It is widely accepted as an industrial standard orange.

<b>Application</b>	PET	●	PMMA	●
	PBT	○	POM	○
	PS	●	SAN	●
	HIPS	○	PA6	●
	ABS	●	PA66	○
	PC	●	PES Fiber	○
	● Recommended      ○ Potential Use      — Not Recommended			

<b>Physical Properties</b>	Bulk Density	0.43 kg/l
	Bulk Volume	2.3 l/kg
	Melting Point	229 °C
	Sublimation Temperature	273 °C
	Storage Stability	60 months

<b>Solubility</b> (room temperature)	water	Insoluble	Toluene	<5 g/l
	Acetone	<5 g/l	Heptane	Insoluble
	Ethanol	<5 g/l	Polyethylene glycol (PEG)	<5 g/l
	Ethylacetate	<5 g/l	MMA	<5 g/l

<b>Heat Resistance</b>		PET	PMMA	PC	ABS	PS	PA6/PA66
	1/3 ISD	310°C	300°C	350°C	280°C	300°C	310°C/—

<b>Fastness Properties</b>		Light Fastness Reduction 1/3 ISD	Weather Fastness Transparent 0.05%dye	Migration Transparent 0.05%dye
	PET	7-8	—	—
	PMMA	7-8	4-5	5
	PC	7-8	4	5
	PS	7	4	4