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TECHNICAL DATA SHEET

Product Description:

| | |
|------------------|----------------------|
| Color Index: | Solvent Red 207 |
| C.I.No. | 617001 |
| CAS No. | 10114-49-5 |
| EC NO. | 233-313-8 |
| Chemical Family | Anthraquinone Series |
| Chemical Formula | $C_{28}H_{22}N_2O_2$ |

Technical Properties:

The product is bluish transparent red oil solvent dye. It is of good fastness, good heat resistance and good migration resistance and bright color.

Application: (“☆” Superior, “○” Applicable, “△” Not recommend

| PS | HIPS | ABS | PC | RPVC | PMMA | SAN | AS | PA6 | PET |
|----|------|-----|----|------|------|-----|----|-----|-----|
| ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | △ | - |

Also used in coloring of printing, raw liquid of fiber.

Physical Properties

| Density(g/cm3) | Melting Point(°C) | Light fastness (in PS) | Recommended Dosage | |
|----------------|-------------------|------------------------|--------------------|----------------|
| | | | Transparent | Nontransparent |
| 0.56 | 243 | 8 | 0.03 | 0.05 |

Light Fastness: Consist of 1st to 8th grade, and the 8th grade is superior, the 1st grade is bad.

The heat resistance in PS can reach to 350℃

Degree of pigmentation: 0.05% dyes+0.1% titanium dioxide R

Solvent red 207 solubility in organic solvent at 20℃(g/l)

| Acetone | Butyl Acetate | Methylbenzene | Dichloromethane | Ethylalcohol |
|---------|---------------|---------------|-----------------|--------------|
| 1.3 | 0.4 | 2.7 | 5.3 | 1.1 |

Note: The above information is provided as guidelines for your reference only.
The accurate effects should base on the test results in laboratory.