

HANGZHOU HANHAO CHEMICAL CO., LTD

Plant: Jiangdong Development Zone, Great Jiangdong District, Hangzhou China

Office: 2103 Bldg1, Dacheng Plaza, Shixin Road, Xiaoshan, Hangzhou, China

Tel:+86-571-82502631/82551631 **Fax:**+86-571-82722631

TECHNICAL DATA SHEET

Product Description:

| | |
|------------------|----------------------------------|
| Product Name: | Fast Yellow GRP |
| Color Index: | Pigment Yellow 168 |
| C.I.No. | 13960 |
| CAS No. | 71832-85-4 |
| EC No. | 276-057-2 |
| Chemical Nature: | Mono azo |
| Chemical Formula | $C_{32}H_{24}CaCl_2N_8O_{14}S_2$ |

Technical Properties:

A greenish yellow powder, with good heat resistance and excellent light performance, easily dispersed, recommended for PP&PE plastic.

Application:

Recommend: PP, PE, also suggested for PVC, RUB, EVA.....

Physical Properties

| | |
|-----------------------------|-------------------------|
| Appearance | Yellow powder |
| Color Shade | Bright Greenish shade |
| Density(g/cm3) | 1.6 |
| Water Soluble Matter | ≤1.5 |
| Coloring Strength | 100% ± 5 |
| PH Value | 6.5-7.5 |
| Oil Absorption | 35-45 |
| Acid Resistance | 5 |
| Alkali Resistance | 4 |
| Heat Resistance | 240°C |
| Migration Resistance | 4 (1-5, 5 is excellent) |

| Resistance | | | Recommended applications | | | | | | | |
|------------|-------|-----------|--------------------------|----|-----|-------|-----|----|----|----------|
| Heat °C | Light | Migration | PVC | PU | RUB | Fiber | EVA | PP | PE | PS.PC.PA |
| 240 | 8 | 4 | ○ | | ○ | ○ | ○ | ● | ● | |

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