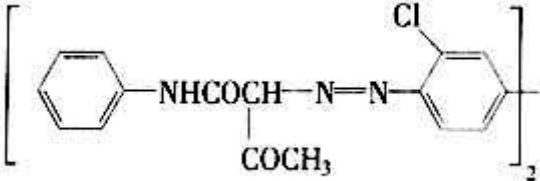


TECHNICAL DATA SHEET

کوثر شیمی
Kosar Shimi
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Product name: Benzidine Yellow G-B (PY12)

Description: Greenish yellow powder, good dispersibility

| | |
|--------------------|------------------------------------------------------------------------------------|
| C.I.No. | PY1201-GB |
| Chemical name | Diarylide Yellow AAA |
| Structural formula |  |
| Molecular formula | C ₂₂ H ₂₆ Cl ₂ N ₆ O ₄ |
| Molecular weight | 629.49 |
| CAS No. | 6385-85-6 |

| | | |
|----------------------|------------------------------|---------|
| Physical Data | Density (g/cm ³) | 1.5 |
| | Oil absorption (ml/100g) | ≤50 |
| | PH Value | 6.0-7.0 |
| | Filter value (bar/g) | <1.0 |

| | | |
|----------------------------|-------------------|-------|
| Fastness Properties | Light Fastness | 5 |
| | Heat Resistance | 180°C |
| | Oil Resistance | 4 |
| | Acid Resistance | 5 |
| | Alkali Resistance | 5 |
| | Water Resistance | 4 |

| | | |
|--------------------------------|------------------|---------|
| Technical Specification | Tinting Strength | 97-103% |
| | MASS ΔE* | ≤2.0 |
| | TINT ΔE* | ≤1.0 |

| | |
|--------------------|---------------------------------------------------------------------|
| Application | Application: Offset Ink, Plastic, Water Based Ink, Textile Printing |
|--------------------|---------------------------------------------------------------------|