

TECHNICAL SPECIFICATION OF YELLOW : 3

• **PRODUCT :**

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|---------------------------|---|
| (a) NAME | : Pigment Hansa Yellow 10G |
| (b) CHEMICAL CLASS | : Mono Azo Pigment without lake forming group |
| (c) CHEMICAL TYPE | : Organic |
| (d) COLOR INDEX NAME | : Pigment Yellow : 3 |
| (e) COLOR INDEX NUMBER | : 11710 |
| (f) TECH. CHARACTERISTICS | : Very bright greenish yellow pigment |
| (g) CAS NO. | : 6486-23-3 |

• **PHYSICAL PROPERTIES :**

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|------------------------------|------------|
| (a) SPECIFIC GRAVITY (20' C) | : 1.5 |
| (b) OIL ABSORPTION | : 34 cc. |
| (c) SIEVE RESIDUE (350 mesh) | : 1 % max. |
| (d) MOISTURE CONTENT | : 1 % max. |
| (e) WATER SOLUBLE | : 1 % max. |
| (f) PH OF EQUQUEOUS Soln | : 7 |

• **HEAT RESISTANCE :**

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|-------------------------------|-----------------|
| (a) 120 Centi. for 30 minutes | : Stable |
| (b) 140 Centi. for 20 minutes | : Stable |
| (c) 180 Centi. for 10 minutes | : Tends to dark |

• **FASTNESS PROPERTIES : (1- 5 Scale : 1 Poor - 5 Excellent)**

| | | | |
|---------------|-------|---------------------|-------|
| Water | : 5 | Acetone | : 3 |
| Linseed Oil | : 4-5 | Ethanol | : 2-3 |
| Butanol | : 2-3 | Methyl Ethyl Ketone | : 2 |
| Xylene | : 2 | Menaral Turpentine | : 3 |
| Butyl Acetate | : 3 | 5% Soap Soln | : 4 |

• **LIGHT FASTNESS : (1 - 8 Scale : 1 Very low - 8 Outstanding)**

25% Shade : 7 10% Shade : 7 5% Shade : 6-7

• **APPLICATIONS** : Paint, Printing ink, Plastics, Textile, Soap, Cement Color etc.

• **HAZARDOUS INGREDIENTS** : None

↘ **NOTES** : This technical information is offered for guidance but without guarantee.