



TECHNICAL DATA SHEET

GENERAL INFORMATION

| | | |
|-------------------------|---|------------------------------------------------------------------------------------------------------|
| Color Index Name | : | C.I. Pigment Blue 15:1 (C.I.74160, α -) |
| Product code | : | TCB15104 |
| CAS No. | : | 12239-87-1&147-14-8 |
| EC No. | : | 235-476-0&205-685-1 |
| Molecular Formula | : | C ₃₂ H ₁₅ ClCuN ₈ &C ₃₂ H ₁₆ CuN ₈ |
| Chemical Class | : | Cu-PHTHALOBLUE, α -Mod. |
| Recommended Application | : | Printing ink, paint, etc. |

PHYSICAL PROPERTIES

| | | |
|--------------------------------------|---|-------------|
| Appearance | : | Blue powder |
| Specific gravity (water=1) | : | 1.55~1.75 |
| Specific surface (m ² /g) | : | 50~80 |
| Bulk volume (l/kg) | : | 2.0~2.4 |
| Average particle size (nm) | : | 40~140 |
| Oil absorption (g/100g) | : | 30~60 |

FASTNESS DATA(1~5 Scale except Light Fastness where 1~8 Scale)

| | | |
|-------------------------------------|---|-------|
| Light (Full shade)* | : | 8 |
| Light (Reduced tinting)* | : | 8 |
| Ethanol | : | 5 |
| Ethyl acetate | : | 5 |
| MEK | : | 5 |
| Toluene | : | 5 |
| White spirit | : | 5 |
| DBP | : | 5 |
| Paraffine | : | 5 |
| Butter | : | 5 |
| Soap | : | 5 |
| Alkali | : | 5 |
| Acid | : | 5 |
| Heat stability (Full shade, 10min)* | : | 200°C |

CONTACT

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NOTE

The above information is provided as guidelines only. It is important that the customer evaluate any product in their own resin system to determine suitability.

* When our products are recommended to be used in Printing ink and Paint at the same time, these data come from Paint system.