



1075560

Technical Data Sheet

Crystal Super Deep Blue

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|----------------------|--|
| Description: | An intense blue free flowing powder |
| Pigment type: | Platelets of synthetic mica coated with titanium dioxide and ferric ferrocyanide |
| INCI Name: | Fluorphlogopite (and) Titanium Dioxide (and) CI 77510 |

| Chemical composition | By weight | Cas no. | CI number | Einecs |
|---------------------------|-----------|------------|-----------|-----------|
| Synthetic Fluorphlogopite | 34 - 55 % | 12003-38-2 | | 234-426-5 |
| TiO ₂ | 35 - 48 % | 13463-67-7 | 77891 | 236-675-5 |
| Ferric Ferrocyanide | 10 - 18 % | 14038-43-8 | 77510 | 237-875-5 |

| | | | |
|-----------------------|--------------|----------|------|
| Trace Elements | Lead (Pb) | 10.0 ppm | max. |
| | Arsenic (As) | 1.0 ppm | max. |
| | Mercury (Hg) | 1.0 ppm | max. |

| | |
|----------------------------------|-----------------------------------|
| pH (10% aqueous solution) | 6 - 9 |
| Density | 2,5 - 2,8 g/cm ³ |
| Bulk density | 15 - 21 g/100ml |
| Oil Absorption | 55 - 80 g/100g |
| Particle size | 10 - 60 µm (90% within the range) |
| Loss on drying | 0 - 0,5 % (105°C) |
| tot. amount of bacteria | < 100cfu/g |
| Yeast and Mould | < 100cfu/g |
| Pathogens | negative |
| Color & Luster | visual |

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