



Specification

GR2256 Glaring pure blue

Edition: YZ2019-01TDS

| Assays | | Values | | Method |
|--------------------------|---------------------------------|---------------|-----------------------------|-------------------|
| Content | CAS-NO. | CI-NO. | | |
| Synthetic Mica | 12003-38-2 | | 68 ~ 75 wt% | YUNZHU |
| TiO ₂ | 13463-67-7 | 77891 | 25 ~ 30 wt% | YUNZHU |
| SnO ₂ | 18282-10-5 | 77861 | ≤ 2 wt% | YUNZHU |
| Visual evaluation | | | | |
| Color | | | pass | YUNZHU |
| Luster | | | pass | YUNZHU |
| Density | | | 2.8~ 3.3 g /cm ³ | ISO 787-10 |
| Bulk density | | | 20 ~ 26 g /100ml | DIN 53466 |
| Particle size | 80 % within the range 40-200 μm | | pass | Laser diffraction |
| PH – value | 10 % aqueous slurry | | 5~9 | ISO 787-9 |
| Loss on drying | 105 °C | | < 0.5 wt % | ISO 787-2 |
| Oil absorption | | | 50 ~ 90 g oil/100g powder | ISO 787-5 |
| Heavy metals | | | | |
| | | Pb | ≤ 10 ppm | YUNZHU |
| | | As | ≤ 2 ppm | YUNZHU |
| | | Hg | ≤ 1 ppm | YUNZHU |
| | | Cd | ≤ 1 ppm | YUNZHU |
| | | Sb | ≤ 2 ppm | YUNZHU |
| | | Cr | ≤ 100 ppm | YUNZHU |
| | | Cu | ≤ 50 ppm | YUNZHU |
| | | Ni | ≤ 10 ppm | YUNZHU |
| Microorganisms | | | | |
| | Aerobic bacteria | ≤ 100 | CFU /g | YUNZHU |
| | Yeasts and moulds | ≤ 100 | CFU /g | YUNZHU |
| | Gram negative bacteria | absent in 1 g | | YUNZHU |
| | Staphylococcus aureus | absent in 1 g | | YUNZHU |

Note: This colorant conforms to the regulations 1223/2009, EU231/2012 and FDA 21 CFR 73.

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