45202     Prussian Blue LUX

Product name: Prussian Blue Lux, Milori Blue, Berlin Blue
Chemical name: Fe(CN)_6 · Fe · NH_4
Color index: Pigment Blue 27, C.I. 77510
CAS No.: 25869-00-5
EINECS No.: 247-304-1

Prussian Blue LUX is an inorganic based blue pigment, which belongs to a group of microcrystalline iron(III)/iron(III) cyano complexes. According to ISO 2495, this group of pigments are classified as “Iron Blue” pigments. Prussian Blue LUX is a non-coated grade of iron blue supplied in a micronized form.

Specification:

Relative tinting strength: 100 ± 10 % (ISO 787/24)
Volatile moiety (105°C): ≤ 5 % (ISO 787/2)
Water extractable content: < 1.2 % (ISO 787/3)
pH-Value: 3 – 6 (ISO 787/3)
Typical Particle Size (median value): 0.34 µm
Specific Surface Area: 69 m²/g

Fastness Properties

Light Fastness Mass Tone ISO105, B01: 8
Color Index: 77510

Regulation

Prussian Blue LUX is listed in following directories:
EINECS: 247-304-1 / 237-875-5
ELC: KE 01695 / KE 16966
MITI: No. 1-133
TSCA, DSL, AICS, PICCS, IECSC