

45202 Prussian Blue LUX

Product name:	Prussian Blue Lux, Milori Blue, Berlin Blue
Chemical name:	$\text{NH}_4 \text{Fe}[\text{Fe}(\text{CN})_6] \times 3\text{H}_2\text{O}$
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:	$100 \pm 10 \%$ (ISO 787/24)
Volatile moiety (105°C):	$\leq 5 \%$ (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 m^2/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