

10562 Lapis Lazuli from Chile

Chemical composition: Natural lapis lazuli pigment.
Sodium calcium aluminum silicate, $(\text{Na,Ca})_8 (\text{AlSiO}_4)_6 (\text{S,SO}_4,\text{Cl})_x$

Color index: Ultramarine Blue Pigment 29, C.I. 77007
CAS Number: 57455-37-5

Genuine ultramarine blue pigment is made from the semi-precious stone, lapis lazuli, which is a mixture of the blue mineral lazurite, with calcspar and iron pyrites.

Specification Sheet

Granulometry: less than 38 microns – over 25 microns
Lazurite content: 40 – 45 %

Characteristic	Standard Value	Lot Tolerance	Analysis Method
Specific gravity	38	-	ASTM D-153-82
Oil absorption	39	+/- 3	ASTM D-281-31
Tinting strength	100	+/- 5 %	NCF-23-0
Sieve residue	0.48 %	0 – 0.5 %	ASTM D-185-78
Soluble salts	0.55 %	0 – 1.00 %	ASTM D-2448-73
Free sulphur	0.14 %	0 – 0.25 %	N-7-85
Moisture	0.53 %	0 – 1.00 %	ASTM D-280-81
Heat fastness	350°C		N-10A-85
Acid fastness	1		N-11-85
Alkali fastness	4-3		N-11-85
Light fastness	6-7		NCF-32-0 (N-9-85)