



Specification - Synox Pigment

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Product name: Blue 465

General description

Chemical formula: Ultramarine ($\text{Na}_6\text{Al}_4\text{Si}_6\text{S}_4\text{O}_{20}$)

Type: Inorganic pigment blue

Colour index: Pigment Blue 29 (77007)

CAS NO.: 57455-37-5 EC NO.: 309-928-3

Form: Powder

Hue: Blue

Colour difference in paints :

Mass tone ΔE_{abL} max 1.5
Test method: ISO787/1

Tint-tone ΔE_{abL} max 1.0
Test method: ISO787/16

Relative tinting strength (%) min 95 max 105
Test method: ISO787/16

Colour difference in plastic :

ΔE_{cmc} max 1.0
1%Concentration in plastic

Relative tinting strength (%) min 95 max 105
1%Concentration in plastic



Technical data

Moisture (%) max 1.0

Test method: ISO787/2

Water soluble salts (%) max 1.0

Test method: ISO787/3

Sieve residue on 45µm mesh (%) max 0.5

Test method: ISO787/7

pH value min 5.0 max 9.0

Test method: ISO787/9

Oil absorption min 30 max 45

Test method: ISO787/5

Apparent density (g/cm³) 0.8

Test method: ISO787/11

Free sulphur(S%) max 0.1

Heat resistance °C 300

Migration resistance 5

Package

800 KG bag

25 KG bag

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