

TECHNICAL DATA SHEET

SYNOX

Orange 6960-TDS-E

Specification – Synox Pigment

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Product name: Orange 6960

General description

Chemical formula: Synthetic iron oxide α - Fe₂O₃ /Fe(OH)O
 Type: Orange iron oxide pigment
 Colour index: Pigment red 101 (77491) /yellow 42(77492)
 CAS NO.: 1309-37-1/51274-00-1 EC NO.: 215-168-2/257-098-5
 Form: Powder
 Hue: Orange

Colour difference in paints :

Mass tone ΔE_{abL} max 1.0
 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 cement :

ΔE_{cmc} max 1.5
 3%Concentration in cement


Relative tinting strength (%) min 95 max 105
 3%Concentration in cement

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