

DECOREX® 130M

DESCRIPTION

| | |
|------------------------|--|
| Type | Red pigment - High Performance micronised |
| Delivery form | Powder |
| Chemical class | Synthetic iron oxide α - Fe ₂ O ₃ |
| Colour Index | Pigment red 101 (77491) |
| CAS-No. | 1309-37-1 |
| REACH registration no. | 01-2119457614-35 |

Technical Data

| Dispersibility | | max | Test method |
|------------------------------------|-----|----------|-----------------------|
| Fineness of grind [μ m] | | 15/30/40 | No. 004 41 |
| Technical Data | min | max | Test method |
| Water-soluble content [%] | | 0.4 | DIN EN ISO 787-3:2000 |
| Sieve residue (0.045 mm sieve) [%] | | 0.002 | DIN EN ISO 787-7:2009 |
| pH value | 5 | 8 | DIN EN ISO 787-9:1995 |

Informative Technical Data (guide values)

| | | |
|---|-----------|--|
| - Fe ₂ O ₃ content [%] 53 | >99.2 | Information about the determination of iron oxide 41 |
| Loss on ignition at 1000 °C, 0.5 h [%] | <0.7 | DIN 55913-2:1972 |
| Moisture content (after production) [%] | <0.3 | DIN EN ISO 787-2:1995 |
| Particle shape | spherical | Electron micrographs |
| Predominant particle size [μ m] | 0.17 | Electron micrographs |
| Oil absorption [g/100 g] | 27 | DIN EN ISO 787-5:1995 |
| Tamped density [g/ml] | 0.7 - 1.1 | DIN EN ISO 787-11:1995 |
| Density [g/ml] | 5.0 | DIN EN ISO 787-10:1995 |

DECOREX® 130M

PACKAGING

Decorex 130 is available in 5Kg and 1Kg pails

STORAGE

Keep containers tightly closed when not in use and store in dry conditions.

SHELF LIFE

Shell life in closed containers 12 months

SAFETY - HEALTH

Use personal protective equipment. Do not allow getting into eyes. In case of eye contact, immediately flush with water for at least 15 minutes. In case irritation continues consult a physician.

SERVICES

For further information on this product together with advice on application, please contact the Technical Advisory Department.

WARRANTY (DISCLAIMER)

Decorete® fully warrants their products when used and applied in strict accordance with the printed instructions on product mixing and product application. In any case Decorete®'s responsibility shall not exceed either the refund of the purchase price, or the replacement of the purchased product.

KEEP OUT OF REACH OF CHILDREN

DECOREX[®] 330

DESCRIPTION

| | |
|------------------------|----------------------------|
| Type | Black pigment |
| Field of application | Building industry |
| Delivery form | Powder |
| Chemical class | Synthetic iron oxide Fe3O4 |
| Colour Index | Pigment black 11 (77499) |
| CAS-No. | 1317-61-9 |
| REACH registration no. | 01-2119457646-28 |

Technical Data

| Technical Data | min | max | Test method |
|---------------------------|-----|------|-----------------------|
| Water-soluble content [%] | | 1.75 | DIN EN ISO 787-3:2000 |
| Sieve residue (0.045 mm) | | 0.1 | DIN EN ISO 787-7:2009 |
| pH value | 4.0 | 8.0 | DIN EN ISO 787-9:1995 |

Informative Technical Data (guide values)

| | | |
|---|-----------|--|
| Fe3O4 content [%] 53 | >95.8 | Information about the determination of iron oxide 41 |
| Loss on ignition at 1000 °C, | <5.0 | DIN 55913-2:1972 |
| Moisture content (after production) [%] | <4.0 | DIN EN ISO 787-2:1995 |
| Particle shape | spherical | Electron micrographs |
| Predominant particle size [µm] | 0.15 | Electron micrographs |
| Oil absorption [g/100 g] | 21 | DIN EN ISO 787-5:1995 |
| Tamped density [g/ml] | 0.8-1.2 | DIN EN ISO 787-11:1995 |
| Density [g/ml] | 4.6 | DIN EN ISO 787-10:1995 |

DECOREX® 330

PACKAGING

Decorex 330 is available in 5Kg and 1Kg pails

STORAGE

Keep containers tightly closed when not in use, and store in dry conditions.

SHELF LIFE

Shell life in closed containers 12 months

SAFETY - HEALTH

Use personal protective equipment. Do not allow getting into eyes. In case of eye contact, immediately flush with water for at least 15 minutes. In case irritation continues consult a physician.

SERVICES

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KEEP OUT OF REACH OF CHILDREN

DECOREX® 660

DESCRIPTION

| | |
|------------------------|--|
| Type | Brown pigment |
| Delivery form | Powder |
| Chemical class | Synthetic iron oxide (mixture) |
| Colour Index | Pigment red 101 (77491) / Pigment black 11 (77499) |
| CAS-No. | 1309-37-1 / 1317-61-9 |
| REACH registration no. | All components are registered |

Technical Data

| Technical Data | min | max | Test method |
|------------------------------------|-----|-----|-----------------------|
| Water-soluble content [%] | | 0.5 | DIN EN ISO 787-3:2000 |
| Sieve residue (0.045 mm sieve) [%] | | 0.1 | DIN EN ISO 787-7:2009 |
| pH value | 5.0 | 8.0 | DIN EN ISO 787-9:1995 |

Informative Technical Data (guide values)

| | | |
|---|-----------|--|
| Iron oxide Content [%] 53 | >97.9 | Information about the determination of iron oxide 41 |
| Loss on ignition at 1000 °C, | <3.5 | DIN 55913-2:1972 |
| Moisture content (after production) [%] | <2.5 | DIN EN ISO 787-2:1995 |
| Particle shape | irregular | Electron micrographs |
| Predominant particle size [µm] | 0.1 - 0.6 | Electron micrographs |
| Oil absorption [g/100 g] | 24 | DIN EN ISO 787-5:1995 |
| Tamped density [g/ml] | 0.8-1.2 | DIN EN ISO 787-11:1995 |
| Density [g/ml] | 4.5 | DIN EN ISO 787-10:1995 |

DECOREX[®] 660

PACKAGING

Decorex 660 is available in 5Kg and 1Kg pails

STORAGE

Keep containers tightly closed when not in use and store in dry conditions.

SHELF LIFE

Shell life in closed containers 12 months

SAFETY - HEALTH

Use personal protective equipment. Do not allow getting into eyes. In case of eye contact, immediately flush with water for at least 15 minutes. In case irritation continues consult a physician.

SERVICES

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KEEP OUT OF REACH OF CHILDREN

DECOREX 902

White pigment

DESCRIPTION:

Decorex 902 is a multipurpose rutile titanium dioxide pigment manufactured by the chloride process for both interior and exterior coatings applications. It is a fine dry powder with the following general properties.

Analysis and Physical Properties of DECOREX 902

| Property | R-902 |
|-------------------------------------|-------------|
| TiO ₂ , wt%, min. | 91 |
| Alumina, wt% | 4.3 |
| Amorphous Silica, wt% | 1.4 |
| Specific Gravity | 4.0 |
| Bulking Value, L/kg (gal/lb) | 0.25 (0.03) |
| Organic Treatment | No |
| Color CIE L* | 99.8 |
| Median Particle Size, μm | 0.42 |
| Oil Absorption | 16.1 |
| pH | 8.1 |
| Resistance at 30C (86F) (1,000 ohm) | 10 |
| Carbon Black Undertone | 11.7 |

Suggestions for Use

Decorex 902 has an excellent balance of chalk resistance, hiding, and gloss for a broad range of both exterior and interior applications. Decorex 902 is recommended for use in:

- architectural interior semigloss and exterior finishes
- exterior industrial finishes, except those that require the highest level of exterior durability
- powder coatings

SAFETY - HEALTH

long exposure may cause irritation to eyes and respiratory system, always advised to wear personal protection equipment when dealing with chemicals.

for more related information refer back to our MSDS.



DAMAS Company.
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Website : www.decorete.com

DECOREX 902

White pigment

PACKAGING

Decorex 902 is available in 5Kg and 1Kg pails

STORAGE

keep in closed containers away from moisture.

SHELF LIFE

Shell life in closed containers 12 months

SERVICES

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WARRANTY (DISCLAIMER)

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KEEP OUT OF REACH OF CHILDREN

DECOREX[®] 920

DESCRIPTION

| | |
|------------------------|---|
| Type | Yellow pigment |
| Delivery form | Powder |
| Chemical class | Synthetic iron hydroxide α - FeOOH |
| Colour Index | Pigment yellow 42 (77492) |
| CAS-No. | 51274-00-1 |
| REACH registration no. | 01-2119457554-33 |

Technical Data

| Technical Data | min | max | Test method |
|------------------------------------|-----|------|-----------------------|
| Water-soluble content [%] | | 0.5 | DIN EN ISO 787-3:2000 |
| Sieve residue (0.045 mm sieve) [%] | | 0.04 | DIN EN ISO 787-7:2009 |
| pH value | 3.5 | 7.5 | DIN EN ISO 787-9:1995 |

Informative Technical Data (guide values)

| | | |
|---|------------|--|
| - FeOOH content [%] 53 | >99.4 | Information about the determination of iron oxide 41 |
| Loss on ignition at 1000 °C, | <14.0 | DIN 55913-2:1972 |
| Moisture content (after production) [%] | <0.5 | DIN EN ISO 787-2:1995 |
| Particle shape | rod-shaped | Electron micrographs |
| Predominant particle size [μ m] | 0.1 - 0.6 | Electron micrographs |
| Oil absorption [g/100 g] | 60 | DIN EN ISO 787-5:1995 |
| Tamped density [g/ml] | 0.2 - 0.6 | DIN EN ISO 787-11:1995 |
| Density [g/ml] | 4.0 | DIN EN ISO 787-10:1995 |

DECOREX® 920

PACKAGING

Decorex 920 is available in 2.5Kg and 0.5Kg pails

STORAGE

Keep containers tightly closed when not in use and store in dry conditions.

SHELF LIFE

Shell life in closed containers 12 months

SAFETY - HEALTH

Use personal protective equipment. Do not allow getting into eyes. In case of eye contact, immediately flush with water for at least 15 minutes. in cas irritation continues consult a physician.

SERVICES

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KEEP OUT OF REACH OF CHILDREN