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SPECIFICATIONS FOR RAW MATERIALS

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CARBOXY METHYL CELLULOSE (CMC)

Pesil - 1. General

: This Specification governs the requirement of carboxy methyl cellulose.

Application

: To serve as binder in Brown glaze before glazing.

ps f co 3. Visual Appearance

: Should be free from nodules.

ther is 4. Physical Properties

: % Moisture content : 11 ± 2

Viscosity (poise) : 9 to 12

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SPECIFICATIONS FOR RAW MATERIALS

IRON OXIDE

1. General

- : This Specification governs the requirements of Iron Oxide.
- 2. Application
- : To serve as one of the constituents in the Ceramic glaze.

3. Form

26 AU----

Calai - Cara

翻译:"

- : It should be supplied in powder form and should pass through 150 µm sieve. (Data for information only)
- 4. Chemical Composition
- : a) Fe₂O₃ More than 95 %
 - b) L.O.I.... Not more than 2.0 %
- 5. Moisture Content

: Nil

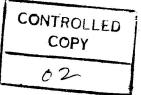
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SPECIFICATIONS FOR RAW MATERIALS

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BAGESHPUR CLAY

1. General

- : This Specification governs the requirements of Bageshpur Clay.
- 2. Application
- one 25 constituents in the manufacture of porcelain body mass.
- 3. Particle Size
- : Particle Size
 - above 10 µm : 12 ± 4 %
- 4. Residue over 45µm sieve : Maximum 1.0 %
- 5. % Water absorption
- 14.0 ± 4.0 %
- 6. Green Strength (kgs/Cm²): Minimum 13.0
- 7. Freedom from Defects
- : The clay shall be free from foreign materials such as sand
 - and red ochere.
- 8. Chemical Composition
 - : a) SiO_2 $45.0 \pm 3.0 \%$
 - b) Al_2O_3 $37.5 \pm 2.5 \%$
 - c) Fe_2O_3 Less than 2.0 %
 - d) L.O.I.... $13.0 \pm 1.5 \%$

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SPECIFICATIONS FOR RAW MATERIALS

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JAPAN BALL CLAY

pici : 1. General

- : This Specification governs the requirements of Japan Ball Clay.
- 44. 2. Application
- : To serve as one of the constituents in the manufacture of porcelain body mass.
- 3. Particle Size
- : Particle Size
 - above 10 µm : 5 % Max
- 4. Residue over 45μm sieve : Maximum 0.5 %

 - 5. % Water absorption
- : Nil
- 6. Green Strength (kgs/Cm2): Minimum 50.0

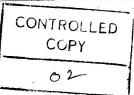
 - 7. Freedom from Defects
- : The clay shall be free from foreign materials such as sand
 - and red ochere.
- 8. Chemical Composition : a) SiO_2 46.5 ± 2.5 %
 - b) Al_2O_3 $34.0 \pm 2.0 \%$
 - c) Fe_2O_3 Less than 2.0 %
 - d) L.O.I.... 15.0 ± 2.0 %

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SPECIFICATIONS FOR RAW MATERIALS

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RAJMAHAL CLAY

General

: This Specification governs the

requirements of Rajmahal Clay.

Application

: To constituents in the manufacture of porcelain body mass and glaze.

Particle Size

Particle Size

above 10 µm

: 13 ± 3.0 %

4. Residue over 45μm sieve : Maximum 1.5 %

5. % Water absorption

6. Green Strength (kgs/Cm2): Min. 17.0

7. Freedom from Defects

The clay shall be free from foreign materials such as

and red ochre.

Chemical Composition

: a) SiO₂ 50.0 \pm 3.0 %

b) Al_2O_3 35.0 ± 3.0 %

c) Fe_2O_3 2.0 % max

d) L.O.I.... $13.0 \pm 3.0 \%$

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