



# **APAC Product** Brochure





Since our foundation more than 110 years ago, deZaan has been pioneering new cocoa experiences that create moments of joy.

Today, as part of **ofi** (Olam Food Ingredients), deZaan continues to advance the possibilities for cocoa ingredients and set new standards in quality through our powerful combination of expertise, passion and technology.

From our sites in the Netherlands, Germany and Singapore, we produce industry leading cocoa powders, cocoa butters and cocoa liquors specifically tailored to food and beverage manufacturing processes as well as for chefs and artisans. Through our advanced cocoa innovation capabilities and proprietary processing technologies we offer customers cocoa ingredient consistency and quality at scale.

Our process starts at the source, developing farming, fermentation and roasting techniques and then selecting the right cocoa beans to deliver the excellent cocoa experiences for which we are renowned. Through our AtSource platform customers can access unrivalled transparency across the cocoa ingredient supply chain, putting them in control of their sustainability parameters.



# Product Portfolio

# **Cocoa Powders**





Since the foundation of deZaan more than 110 years ago, our superior cocoa powders have represented the pinnacle of our cocoa innovation and sensorial development efforts.

To respond to global tastes and preferences, deZaan has curated a selection of cocoa powders specifically for the Asian market. Offering powders with a range of alkalization levels, from light through to high alkalization along with a natural powder, our deZaan APAC range presents the full spectrum of our flavor and color profiles, demonstrating the art of deZaan sophistication.

Specifically for the APAC market, deZaan has developed our Red Series, a range of cocoa powders with an intense reddish hue, giving finished applications an attractive reddish color.

Explore a world of cocoa flavors and colors with deZaan APAC range of cocoa powders.

## Natural Cocoa Powder



Flavor (I)

Fruity, mild cocoa note with hint of fresh wood

## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|------------|---|---|---|---|---|---|---|
| ΟΟΟΑ       | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| ACIDITY    | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 | 6 |

**Fat Content** pН 10 - 12% 4.9 to 5.9

### **Applications**





Flavor (I)

Flavor (II)

AROMA

COCOA

CHOCOLATE

ACIDITY

FULL/RICH

BITTERNESS

32 - 36%

lce

Creams

**Fat Content** 

**Applications** 



Very high fat natural

cocoa powder with a

rich chocolate flavor

and velvety mouthfeel

0 1 2 3 4

0 1 2 3 4

0 1 2 3 4

0 1 2 3 4

4

3 4

5.0 to 6.0

pН

0 1 2 3

Bakery Confectionery Beverages Cereals

0

JGH



Flavor (I)

Fruity, nutty and mild cocoa flavor

## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 |
|------------|---|---|---|---|
| СОСОА      | 0 | 1 | 2 | 3 |
| CHOCOLATE  | 0 | 1 | 2 | 3 |
| ACIDITY    | 0 | 1 | 2 | 3 |
| FULL/RICH  | 0 | 1 | 2 | 3 |
| BITTERNESS | 0 | 1 | 2 | 3 |

Fat Content pН 10 - 12%

#### Applications







## Lightly Alkalized Cocoa Powder

## Туре **200DP11**



## Flavor (I)

## Mild sweet chocolate with slight caramel note

## Flavor (II)

|            |   |   | _ |   |   |   |
|------------|---|---|---|---|---|---|
| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
| COCOA      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| ACIDITY    | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

Fat Content 10 - 12%



## Applications











5.7 to 6.3



## Lightly Alkalized Cocoa Powder (cont.)

Туре **D140L** 



Flavor (I)

**Rich rounded cocoa** and chocolate notes. with hint of biterness

## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| СОСОА      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| ACIDITY    | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

**Fat Content** 10 - 12%

## Applications



pН

7.1 to 7.5





Flavor (I)

Well-rounded cocoa and chocolate profile with hint of brown sugar & nuttiness

## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| СОСОА      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| ACIDITY    | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

Fat Content pН 10 - 12% 7.0 to 7.4

#### Applications



## Medium Alkalized Cocoa Powder



Cocoa note with hint of fresh nuts

## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| СОСОА      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| ACIDITY    | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

pН

7.3 to 7.7

Fat Content 10 - 12%

## Applications



## Type 350DP11



Flavor (I)

Strong, pleasant cocoa and chocolatey profile, with hint of roastiness & nuttiness

#### Flavor (II)

|            |   |   |   |   | _ |   |
|------------|---|---|---|---|---|---|
| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
| СОСОА      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| ACIDITY    | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

Fat Content 10 - 12%

pН 7.5 to 7.9

## Applications



Sauces Cookies and cakes









## Flavor (I)

## Full and rich chocolate profile. Hint of fresh wood with biscuit-like sweetness

## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| СОСОА      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| ACIDITY    | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

Fat Content pН 17-19% 7.2 to 7.6

## Applications











Highly Alkalized Cocoa Powder



| COCOA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| ACIDITY    | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

pН

7.8 to 8.2

Fat Content 10 - 12%

## Applications





Strong toasty and intense cocoa flavor

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| COCOA      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| ACIDITY    | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

Fat Content pН 10 - 12% 7.8 to 8.2

## Applications



## Туре **500DP11**



Flavor (I)

Highly alkalized cocoa with strong and intense bitter profile

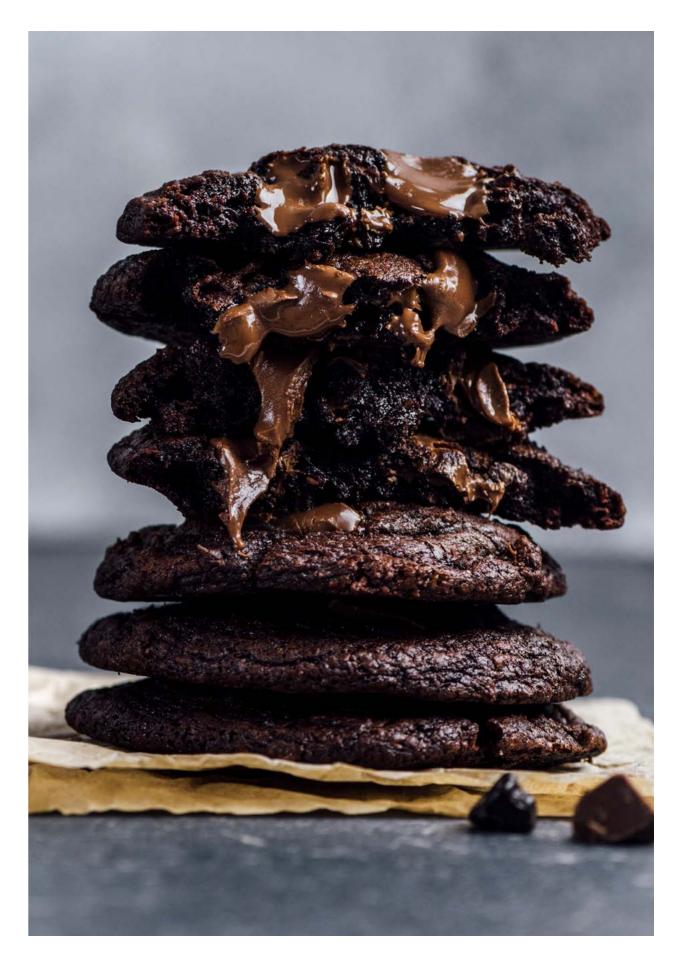
## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| COCOA      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| ACIDITY    | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

Fat Content pН 10 - 12% 8.0 to 8.6

## Applications







**Red Series** 

Specially developed with intense reddish hues, that adds a vibrant reddish color to final applications.

| <sup>ype</sup><br>254DP11                                     | <sup>Туре</sup><br>354DP11   | <sup>Туре</sup><br>D443A   | <sup>Туре</sup><br>D701А                 |
|---|--|--|--|
|   |  |  |  |
| Flavor (I)  | Flavor (I)   | Flavor (I)   | Flavor (I)                               |
| Roasted cocoa note,<br>mild sugary with hint<br>of fresh nuts | Full-bodied cocoa with<br>malty and roasted note;<br>biscuit-like flavor | Intense cocoa flavor<br>with rich chocolatey note<br>accompanied with hint<br>of sweet almond flavor   | Rich and intense<br>dark cocoa           |
| Flavor (II)   | Flavor (II)  | Flavor (II)  | Flavor (II)                              |
| AROMA 0 1 2 3 4 5   | AROMA 0 1 2 3 4 5  | AROMA 0 1 2 3 4 5  | AROMA 0 1 2 3 4 5                        |
| COCOA 0 1 2 3 4 5   | COCOA 0 1 2 3 4 5  | COCOA 0 1 2 3 4 5  | COCOA 0 1 2 3 4 5                        |
| CHOCOLATE 0 1 2 3 4 5   | CHOCOLATE 0 1 2 3 4 5  | CHOCOLATE 0 1 2 3 4 5  | CHOCOLATE 0 1 2 3 4 5                    |
| ACIDITY 0 1 2 3 4 5   | ACIDITY 0 1 2 3 4 5  | ACIDITY 0 1 2 3 4 5  | ACIDITY 0 1 2 3 4 5                      |
| FULL/RICH 0 1 2 3 4 5   | FULL/RICH 0 1 2 3 4 5  | FULL/RICH 0 1 2 3 4 5  | FULL/RICH 0 1 2 3 4 5                    |
| BITTERNESS 0 1 2 3 4 5  | BITTERNESS 0 1 2 3 4 5   | BITTERNESS 0 1 2 3 4 5   | BITTERNESS 0 1 2 3 4 5                   |
| Fat Content pH  | Fat Content pH   | Fat Content pH   | Fat Content pH                           |
| 10 – 12% 7.1 to 7.5   | 10 - 12% 7.4 to 7.8  | 10 - 12% 7.4 to 7.8  | 10 - 12% 7.7 to 8.1                      |
| Applications  | Applications   | Applications   | Applications                             |
| Desserts Dairy Desserts                                       | Cereals Creams Frozen and fillings desserts                              | Cereals Creams And fillings Creams desserts Creams Creams Creams desserts Creams Cream | Cereals Cookies Chocolates Ice<br>Creams |



## Туре D702A



## Flavor (I)

## Strong rich cocoa with hint of smoky & nutty profile

## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| СОСОА      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| ACIDITY    | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

Fat Content 10 - 12%



## Applications







# Product Portfolio

# Cocoa Liquors





## **02** | Cocoa Liquors

## Single Origin Cocoa Liquour - Our range of Single Origin cocoa liquors are produced in Singapore.

Made from carefully selected cocoa beans, deZaan cocoa liquors are appreciated by the global chocolate and confectionery industries, and have been for more than 100 years. Giving chocolate its recognizable flavor, cocoa liquor is the heart of milk and dark chocolate, and it provides the flavor signature of the brands in which it is used.

By continually focusing on advancing the sensory expectations for cocoa liquor through passion and precision, and by working with experts on redefining how the flavor and texture of superior cocoa liquors can elevate chocolate experiences, the deZaan range provides a variety of cocoa liquor opportunities.



## Туре 828NL

Bean Origin **†** Ghana

Flavor (I)

**Rich and strong** chocolate flavor

## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| COCOA      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| ROAST      | 0 | 1 | 2 | 3 | 4 | 5 |
| ACID       | 0 | 1 | 2 | 3 | 4 | 5 |
| ASTRINGENT | 0 | 1 | 2 | 3 | 4 | 5 |
| ALKALI     | 0 | 1 | 2 | 3 | 4 | 5 |
| RAW        | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

Packaging 15 Kg

#### Applications



## Type 822NL

**Bean Origin †** Ecuador

## Flavor (I)

## Intense and rich cocoa, with hint of fresh woods

#### Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| сосоа      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| ROAST      | 0 | 1 | 2 | 3 | 4 | 5 |
| ACID       | 0 | 1 | 2 | 3 | 4 | 5 |
| ASTRINGENT | 0 | 1 | 2 | 3 | 4 | 5 |
| ALKALI     | 0 | 1 | 2 | 3 | 4 | 5 |
| RAW        | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

Packaging 15 Kg

#### **Applications**



Patisserie Chocolates and desserts

## Type **810NL**

Bean Origin

<sup>†</sup> Cote d'Ivoire

## Flavor (I)

## **Roasted nutty flavor** with a pleasant fruity note

## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| COCOA      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| ROAST      | 0 | 1 | 2 | 3 | 4 | 5 |
| ACID       | 0 | 1 | 2 | 3 | 4 | 5 |
| ASTRINGENT | 0 | 1 | 2 | 3 | 4 | 5 |
| ALKALI     | 0 | 1 | 2 | 3 | 4 | 5 |
| RAW        | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

Packaging 15 Kg

## Applications





## Туре 888NL

#### Bean Origin

**†** Papua New Guinea

## Flavor (I)

Full and rich, with a toasty savoury profile

## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| СОСОА      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| ROAST      | 0 | 1 | 2 | 3 | 4 | 5 |
| ACID       | 0 | 1 | 2 | 3 | 4 | 5 |
| ASTRINGENT | 0 | 1 | 2 | 3 | 4 | 5 |
| ALKALI     | 0 | 1 | 2 | 3 | 4 | 5 |
| RAW        | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

#### Packaging











## **02** | Cocoa Liquors

Cocoa Liquor Blends - Our range of cocoa liquor blends are produced in Singapore.

Our APAC cocoa liquor blends are produced with precision and care in Singapore. Each of our crafted blends offers a distinctive cocoa aroma with subtle flavor accents, perfectly attuned to the Asian palate. These well-rounded cocoa liquors are ideal for a wide range of confectionery applications, providing notable flavor differentiation and appreciation.



## Туре **800NL**

Bean Origin **†** Asia Blend

Flavor (I)

Intense cocoa with brown aroma

## Flavor (II)

|            |   |   |   |   | - | _ |
|------------|---|---|---|---|---|---|
| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
| СОСОА      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| ROAST      | 0 | 1 | 2 | 3 | 4 | 5 |
| ACID       | 0 | 1 | 2 | 3 | 4 | 5 |
| ASTRINGENT | 0 | 1 | 2 | 3 | 4 | 5 |
| ALKALI     | 0 | 1 | 2 | 3 | 4 | 5 |
| RAW        | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

Packaging

15 Kg

### Applications



Bakery Confectionery Chocolates Dips and coatings

## Type **816NL**

Bean Origin \* Western Africa & Asia Blend

## Flavor (I)

Mild cocoa with herbaceous and fresh nuts aroma

## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |  |
|------------|---|---|---|---|---|---|--|
| СОСОА      | 0 | 1 | 2 | 3 | 4 | 5 |  |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |  |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |  |
| ROAST      | 0 | 1 | 2 | 3 | 4 | 5 |  |
| ACID       | 0 | 1 | 2 | 3 | 4 | 5 |  |
| ASTRINGENT | 0 | 1 | 2 | 3 | 4 | 5 |  |
| ALKALI     | 0 | 1 | 2 | 3 | 4 | 5 |  |
| RAW        | 0 | 1 | 2 | 3 | 4 | 5 |  |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |  |

Packaging 15 Kg

Applications





## Type **818NL**

Bean Origin \* Western Africa & Asia Blend

## Flavor (I)

**Distinct sweet** chocolatey taste with hint of fruitiness and roasted nuts

## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| COCOA      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| ROAST      | 0 | 1 | 2 | 3 | 4 | 5 |
| ACID       | 0 | 1 | 2 | 3 | 4 | 5 |
| ASTRINGENT | 0 | 1 | 2 | 3 | 4 | 5 |
| ALKALI     | 0 | 1 | 2 | 3 | 4 | 5 |
| RAW        | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

Packaging

15 Kg

## Applications



Bakery Confectionery Patisserie Chocolates and desserts



## Type **850DL**

Bean Origin **†** Asia Blend

## Flavor (I)

Deep and rich chocolate accompanied with hint of Chinese **Apricot Kernels** 

## Flavor (II)

| AROMA      | 0 | 1 | 2 | 3 | 4 | 5 |
|------------|---|---|---|---|---|---|
| СОСОА      | 0 | 1 | 2 | 3 | 4 | 5 |
| CHOCOLATE  | 0 | 1 | 2 | 3 | 4 | 5 |
| FULL/RICH  | 0 | 1 | 2 | 3 | 4 | 5 |
| ROAST      | 0 | 1 | 2 | 3 | 4 | 5 |
| ACID       | 0 | 1 | 2 | 3 | 4 | 5 |
| ASTRINGENT | 0 | 1 | 2 | 3 | 4 | 5 |
| ALKALI     | 0 | 1 | 2 | 3 | 4 | 5 |
| RAW        | 0 | 1 | 2 | 3 | 4 | 5 |
| BITTERNESS | 0 | 1 | 2 | 3 | 4 | 5 |

#### Packaging

15 Kg









Bakery Confectionery Patisserie Chocolates and desserts

# Product Portfolio

# Cocoa Butters





## **03 | Cocoa Butters**

Cocoa Butter - All our cocoa butters contain no more than 1.75% free fatty acids.

For decades our pure, prime pressed cocoa butters have set the industry standard in terms of quality.

Made from premium cocoa butter, our deZaan cocoa butter range is available in different levels of deodorization, offering artisanal and industrial chocolate producers great flexibility and efficiency when crafting speciality, cocoa butter-based products.

Our deZaan natural cocoa butter - 600RB - carries full cocoa note to enhance overall flavor experience while our fully deodorized butter - 700SB - allows for creative use of flavors in chocolate application.



# Type **600RB**

## Description

A natural and raw cocoa butter that delivers a rich cocoa note

Color Golden yellow

Flavor Rich/full cocoa

Packaging 25 kg 1MT Crate

## Applications



## <sup>Type</sup> 700SB

## Description

A deodorized cocoa butter with a very mild cocoa note

**Color** Clear golden yellow

Flavor Mild cocoa

Packaging 25 kg 1MT Crate

#### Applications





## Type 700DB

## Description

A deodorized and degummed cocoa butter with a very mild cocoa note

Color Light yellow

Flavor Mild cocoa

## Packaging

25 kg 1MT Crate

## Applications







Confectionery Chocolates Cosmetics



Find more at dezaan.com

Looking for ingredients and inspiration beyond cocoa? At **ofi** we bring together the best of cocoa, nuts, spices, coffee and dairy to provide naturally good food & beverage ingredients and solutions. Contact our experts today at <u>ofi.com</u> to find out how we can best support your initiatives and ambitions.

