

Industrial chalk PANX

windshield manufacturer separator
www.panx.com.pl

The product, named yellow chalk for commercial purposes, is used as a separating and lubricating agent to cover the moulds made of steel flats used to bend windscreens in temperatures above 650°C.

Yellow chalk, thanks to its soft texture and good lubricating properties, fully covers the surface of the moulds creating a homogeneous layer. Thus, it reduces the immediate contact of the flexible glass with the surface of the mould, which results in a reduction or even elimination of form prints on the glass surface.

Usage instruction



Please take into account the opinions of the PANX current users.

1. Before the beginning of the technological process (concerns the change of range) PANX should be applied on cold moulds.
2. During the technological process, secondary (additional) application of PANX should be made on hot moulds (temperature 60-100 degrees Celsius) the moment the mould is removed from the furnace.
3. Using PANX on hot moulds during the process is not a choice; it's a necessity.
4. Constant use of PANX reduces defects to zero.

Packaging



36-piece package:

- corrugated cardboard
- weight 0.83 kg
- weight net: 0.72 kg
- size of package: length - 163mm; width - 155mm; height - 85mm;



648-piece package:

- corrugated cardboard
- weight 15.10 kg (gross)
- weight net: 12.96 kg
- size of package: length - 505mm; width - 300mm; height - 300mm;

Inside the bulk package the product is packed in 18 boxes with 36 pieces of PANX each.

Each piece of PANX:

- Net weight: 0.02 kg.
- Dimensions: diameter- 25 mm. X length - 80 mm.
- Packed in vacuum foil

B.H. Promyk guarantees standard quality of the product in its chemical properties.

The symbols given are expressed in the condensation of the appropriate oxide and indicate its acceptable contents in the PANX Product.

(The certificate of quality of the PANX product (chemical quality report from 15.06.2008))

nr	Symbol	Acceptable content in %
1	SiO ₂	1.20
2	Fe as Fe ₂ O ₃	0.08
3	Al. as Al ₂ O ₃	0.12
4	Ti as TiO ₂	0.02
5	Mg as MgO	0.55
6	K as K ₂ O	0.56
7	Na as Na ₂ O	0.07
8	Mn as MnO	0.01
9	P as P ₂ O ₅	0.04

Economic rationale

Characteristics of the PANX Product

Usage:

1. The PANX Product exhibits great lubricating and separating properties.
2. Thanks to its soft texture and good lubricating properties, PANX thoroughly covers the surface of the steel flats form creating a homogeneous dense layer.
3. It guarantees perfect insulation of the mould from the flexible glass which eliminates mould prints on the glass surface.
4. PANX features no impurities, no elements or minerals in an amount adding to the formation of mould prints have been detected.

Conclusions:

- Currently no products with similar parameters are available in the market.
- PANX substantially reduces and even eliminates losses in windscreen production.
- The usage of the PANX Product considerably increases the quality of windscreens.

Economic rationale:

The formula for calculating the loss (€ / \$)

$$B \times W_j = S$$

B- the number of defective windscreens produced per month; (unit: piece)

W_j- one produced windscreen unit cost; (currency: € / \$)

S- loss for company; (currency: € / \$)

The formula for calculating the price of purchase of the PANX Product

$$Pr \times Px = K$$

Pr – the number of windscreens produced per month; (unit: piece)

Px – the price of PANX usage per windscreen; (€ 0.09 /\$ 0.16 *)

K – the cost of PANX purchase per month

* - according to the BH PROMYK price list when PANX is used on every mould after removing every windscreen. In practice, our clients use PANX every 4 hours which considerably diminishes the costs!!!

Recommendation to purchase the PANX Product occurs when:

S>K

S=K

Commentary:

$$B \times Wj = S$$

Wj can stand for the price market value of the product or it can stand for the actual value (processing price, materials, energy, labor costs)

It is advised to assume lower costs, informing whom it may concern.

S - the loss of company takes two forms:

financial loss

prestige loss

$$Pr \times Px = K$$

Pr – the testing period shouldn't take less than one full month; it is more profitable to do the testing following your windscreen customer's complaint. In this case, all the necessary data for evaluating the cost of purchasing PANX are available.

For more information visit our website

www.panx.com.pl

Distributor

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