



IPB^{NV}
PLASTIC SHEET EXTRUSION

Forward

Plastics without limits!



Since 1984 IPB (Industrial Plastics Belgium) puts imagination into reality. In a close cooperation with our customers, we have always achieved to translate the most brilliant ideas into a finished product. This results into an endless stream of possibilities, where your imagination is set as our only limit!

Backed up by its sense of initiative, daring and belief in its own ability, IPB installed its first extrusion plant. Two decades later, it shows that this wasn't just a reckless decision. By investing continuously into human capital and high-technological extrusion plants, our company is fully equipped for future challenges!

During its continuous growth, IPB has built up a strong image. You've always challenged us to further refine and expand our offer. Today, armed with a wealth of practical experience, we have grown to become a leading specialist in plastic sheet-manufacturing. Further R&D is carried out today at IPB, for new and future products.

We invite you to continue to challenge us with surprising ideas in the years to come!

The management.
IPB NV





Trendsetter

European trendsetter ...

From the beginning in 1984, 'imagination' is the key word at IPB. Why? Leonardo Da Vinci was born with it in 1542. It made him into a brilliant inventor who ran far ahead of his own time. Centuries later, Einstein wrote that 'Logic takes you from A to B. Imagination takes you anywhere.'

Next to imagination and vision, it also took daring and belief back in 1984 when Industrial Plastics was founded. With the installing of the first extrusion plant for multiwall acrylic sheets in Waregem, our company history was launched.

Already in 1986, Industrial Plastics invested in new extrusion plants, launching a new product line: twinwall polypropylene sheets. One year later, another product line is launched: multiwall polycarbonate sheets for the building sector.

Your imagination
is the limit .”



Trendsetter

History

...in only 20 years



With the set up of a converting department for the twin-wall polypropylene sheets, back in 1988, Industrial Plastics is now also entering the packaging market. Between 1990 and 1994, continuous investments in extrusion plants and human capital, lead to a continuous strong growth.

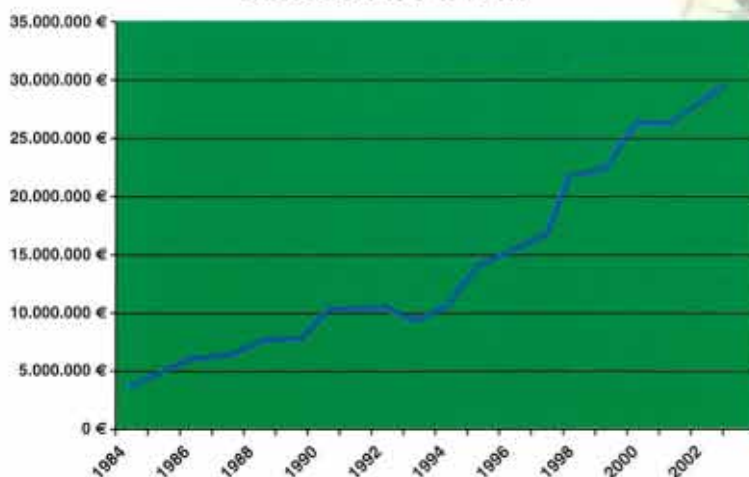
At that time Industrial Plastics is also rebaptized into IPB nv. In 1996 further investments lead to the launch of another new product: compact polyester (PET) sheets. Due to its continuous care and attention for the quality of its finished product, IPB achieves ISO 9001 certification.

Ongoing construction of new buildings, further investments in extrusion plants and modern converting machinery, allow us to be at the leading edge of the plastic sheet market.

Today, IPB has grown to become a European trendsetter in the extrusion of plastic sheets.



Evolution T/O IPB nv



ISO 9001
Certified Company

History



Broad vision ... *Broad vision and personal approach*

With coaching, self-management and teamwork, IPB nurtures its human capital: an investment in knowledge and talent as a guarantee for the future.

Your future!!! Today's products can be surpassed tomorrow. At IPB we always have our finger on the pulse. A radical market and customer based approach combined with advanced technological know-how enables us to offer a suitable solution for every new challenge. Your imagination has no limits. That looks promising!!!

The architecture of our headquarters symbolizes the attention to detail which you find throughout our activities. Dedicated personnel and punctual deliveries throughout Europe are the final links in an organization that is well equipped for the 21st century.



Product range

Product range

Today, IPB is offering the following product portfolio:

Biplex: a range of twinwall sheets in polypropylene
for: packaging, advertising and construction purposes

Veralite: a range of compact sheets in copolyester
for: display, sign, machineguard, thermoforming & glazing use

Dacryl XS: a range of multiwall sheets in impact modified acrylic
for: greenhouse and conservatory constructions

Dacryl TC: a range of multiwall sheets in impact modified acrylic with a temperature control top layer
for: conservatory constructions

Biplex[®]

VERALITE[®]
A BRIGHT NEW WORLD

dacryl[®]
XS

TC
dacryl[®]
Temperature Control

Product range



Bipler

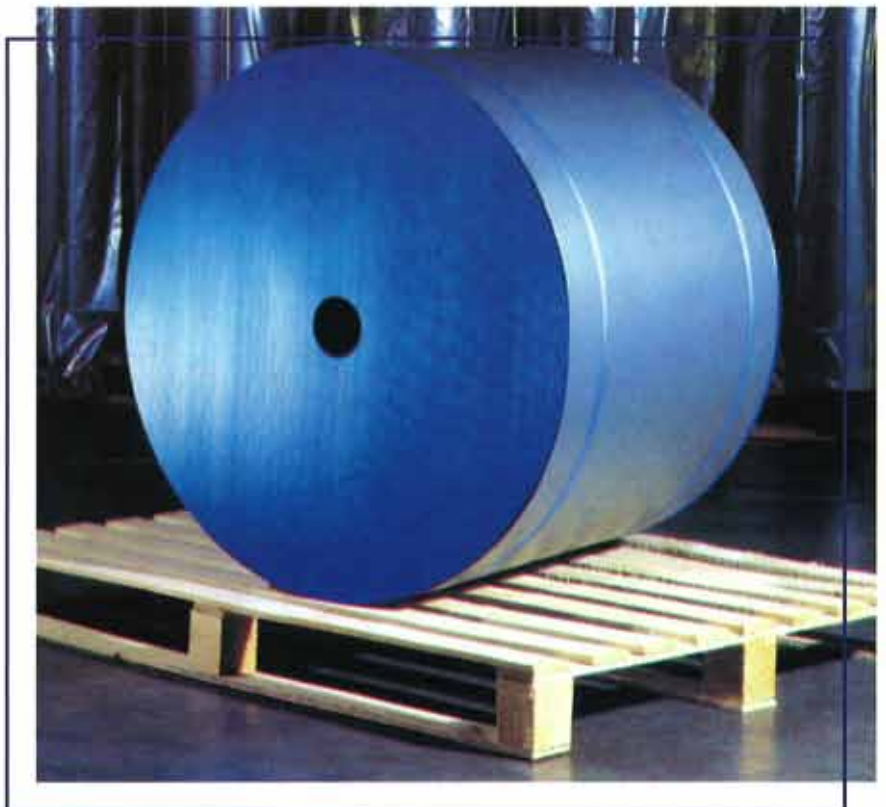
Bipler



Bipler is an extruded twinwall polypropylene sheet offering efficient solutions for a wide variety of applications. Compared to alternatives such as cardboard, metal or rigid plastics, Bipler offers the following unique advantages:

- Economical: both in use and purchase
- Crack-resistant
- Flexible: as a material and as application
- Strong and durable
- Environmentally sound: recyclable
- Light
- Water and moisture-resistant
- Re-usable
- Standard or tailor-made
- Good chemical resistance
- Approved for food packaging
- Easy to print

- BIPLEX:** twinwall PP sheets for packaging and protection
- BILINE:** printed twinwall PP sheets for packaging and protection
- BIPRINT:** corona-treated twinwall PP sheets for screenprinting use
- BIPLEX+:** microperforated twinwall PP sheets for specific applications
- BIMAX:** heavy gauge/weight twinwall PP sheets for a variety of applications
- BIPACK:** converted twinwall PP sheets for packaging and promotional use



Bipler®

In short, BIPLEX will, due to its diversity, match up to your specific application!

Unlimited possibilities

Unlimited possibilities



Biplax:

Biplax is used as a packing material in a wide range of industries. Based on your requirements, we can provide the right configuration that meets all your needs!

Biplax can be supplied cut-to-size and in a wide variety of colours. Different thicknesses and sqm weights are possible, matching your needs.

Some applications are:

- protection and packaging of steel/aluminium
- pallet protection
- covering of wooden/metal containers
- layer pads

Biplax®



Biline®

Biline:

Biline is a twinwall polypropylene sheet with an industrial quality print applied to the surface. We can print your company logo or instructions for use on a continuous base on your requested sheets.

The printing is performed on the extrusion line, resulting into an economical solution.

Some applications are:

- layer pads in automotive industry
- protection and packaging of steel/aluminium
- all applications where personalized sheets are required



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Unlimited possibilities

Unlimited possibilities

Biprint®



Biprint:
Biprint is the perfect solution for your outdoor and indoor printing requirements. Biprint is lightweight, waterproof and economical. Biprint is supplied as a corona treated sheet, ready for printing.

Real estate boards, temporary road signs, election campaign signs and general advertising signs are only a few examples of possibilities offered by Biprint.

Biprint can easily be cut, printed and converted into a very attractive product.

Bimax:
Bimax is a heavy gauge sheet in thicknesses from 5 to 10 mm. The weight varies between 1000 and 2000 gr/sqm.

This makes the Bimax sheet a very stiff and rigid sheet, but still at a lower weight than conventional sheet materials.

Some applications are:

- big size advertising signs
- layer pads for heavy loads
- building applications
- heavy load packaging material



Bimax®



Unlimited possibilities

Unlimited possibilities



Bipack:

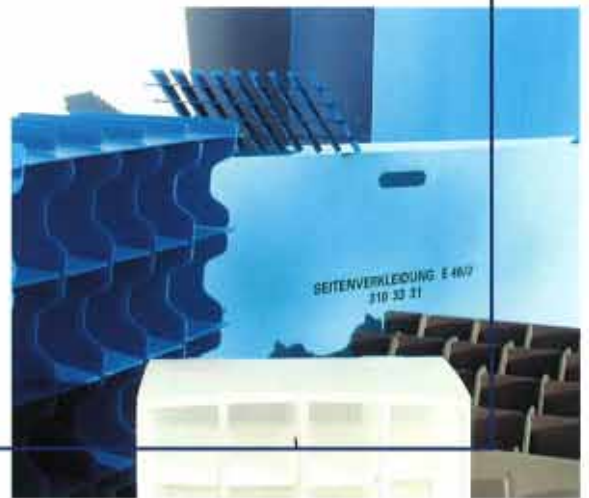
Bipack is a converted twinwall polypropylene sheet, that can be designed and developed up to your specifications.

IPB has a design department with qualified staff, to find a solution to your packaging request.

The main advantages of Bipack products, compared to traditional packaging materials are:

- Bipack can withstand moisture
- Bipack can be tailor-made
- Bipack is food approved
- Bipack can be sterilized
- Bipack is rigid and not brittle
- Bipack is reusable

Bipack®



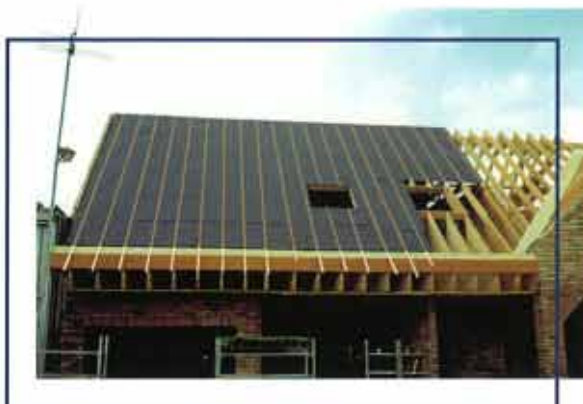
Biplex +®

Biplex+:

BIPEX+: the 'ideal' under-roof!

Biplex+ is a microperforated twinwall PP sheet, with following advantages:

- the microperforation allows transmission of air and vapour
- better ventilation of the roof
- no condensation is formed in the roof, because of air/vapour evacuation
- faster installation of the under-roof than with conventional materials (up to 40% faster!)
- low inflammability rating according to German B1 (DIN 4102)
- Biplex + is an environmental-friendly product PE/PP





Veralite

Veralite

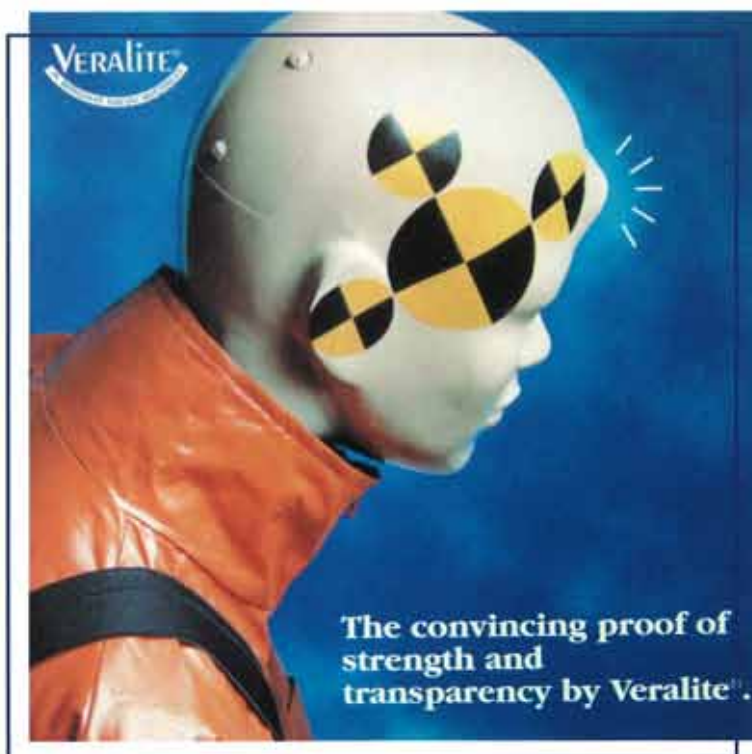
Veralite is the registered tradename of IPB nv for a range of advanced extruded transparent sheet products with unique properties based upon thermoplastic polyester.

Veralite is offering the following benefits: excellent impact resistance, high transparency, good chemical resistance, cost-effective processing and above all an ecological product.



Veralite sheets are available in different versions:

- Veralite 100:** compact sheets in APET
- Veralite 100 AR:** compact sheets in APET with a one side matted surface
- Veralite 200:** compact sheets in PETG
- Veralite 202 UV:** compact sheets in PETG with UV-protection for outdoor use
- Veralite 300:** compact sheets in copolyester
- Veralite 302 UV:** compact sheets in copolyester with UV-protection



The convincing proof of strength and transparency by Veralite®.

Veralite

Veralite



Veralite 100:

Veralite 100, is an APET-based extruded transparent sheet offering the following benefits:

- excellent impact resistance
- good fire behaviour (Y1/B1/M2)
- high stiffness
- cost-effective processing
- high transparency and gloss
- no predrying required prior to processing
- very good chemical resistance
- 100% recyclable
- economical compared to other products
- food approved (FDA/BGA)

Veralite 100, with its unique properties is used for following applications:

- displays
- signs
- machineguards
- safety glazing
- vending machines
- conversion to CPET



Veralite 100 AR:

Veralite 100 AR, disposes of the same benefits as Veralite 100, combined with:

- very light textured surface
- retains its superior transparency
- prevents light reflection
- easy sizing (shearing/cutting/sawing)
- V100 AR is an ecological product
- excellent impact resistance (vandal proof)

Veralite 100 AR, with its unique properties is used for following applications:

- poster covering
- pavement signs
- picture framing
- displays
- kiosks
- public signage





Veralite

Veralite 200:

Veralite 200, is an extruded transparent sheet based upon PETG resin, offering following benefits:

- superior light transmission
- good fire resistance (B1/Y1)
- excellent impact resistance
- high gloss
- food approved (BGA/FDA)
- range of thicknesses up to 14 mm
- cold and hot bending possible
- cost-effective processing
- easily thermoformable (fast cycle times)
- no predrying required
- good chemical resistance
- 'ecological' product (100% recyclable)



Veralite 200, is currently being used for the following applications:

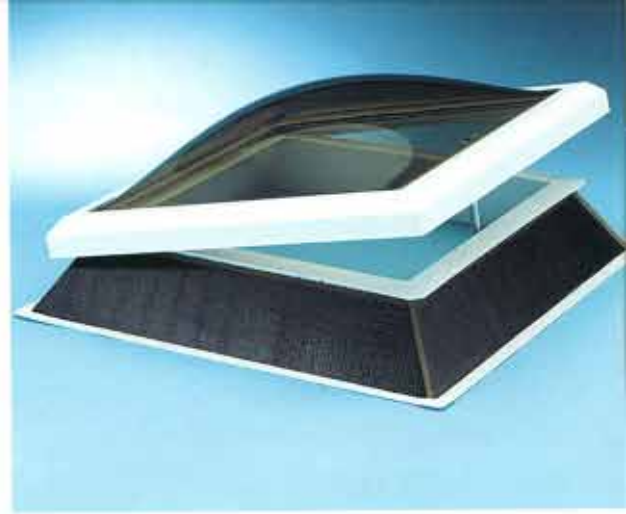
- displays
- flat signs
- formed signs
- thermoforming
- machine guards
- safety glazing
- vending machines
- indoor glazing
- medical equipment
- chocolate forms
- bicycle helmets
- dispensers

Veralite 202 UV:

Veralite 202 UV has a one- or two-sided coextrusion layer, which makes it suitable for longterm outdoor use.



Veralite



Veralite 300:

Veralite 300 is a brand new sheet based upon copoly-ester resins. It offers an excellent temperature resistance combined with superior optical properties, an outstanding burning behaviour and a low density of 1,22 kg/m³.

Veralite 300 is offering the following benefits:

- excellent impact resistance
- superior light transmission/gloss
- good temperature resistance
- cold and hot bending possible
- easily printable (requires no pretreatment)
- cost-effective processing
- good chemical resistance
- excellent vacuumforming properties
- requires no predrying
- excellent definition (deep draws possible)
- faster cycle times
- excellent fire classifications



Veralite 300, is currently being used for the following applications:

- machine guards
- flat signs
- formed signs
- thermoforming
- bus shelters
- safety glazing
- vending machines
- roof covering
- skydomes



Veralite 302 UV has a one- or two-sided coextrusion layer, which makes it suitable for longterm outdoor use.



Dacryl XS

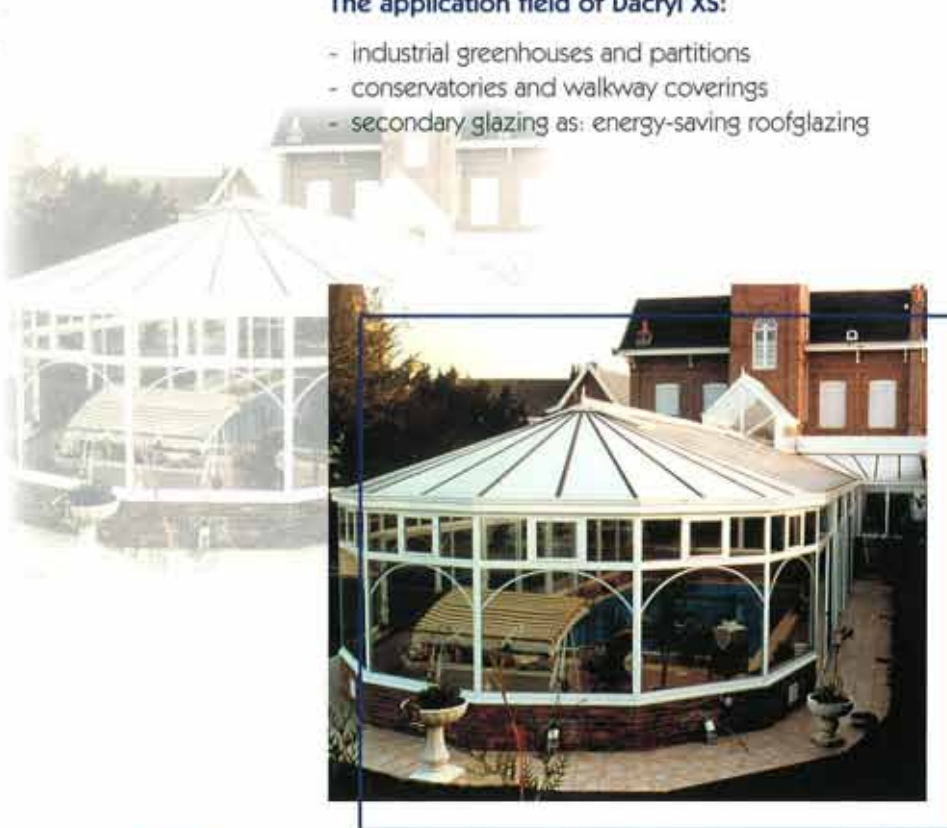
Dacryl XS

The Dacryl XS products are a range of extruded multiwall sheets, based upon impact-resistant acrylic, offering the following benefits:

- 3 x more impact resistant than regular acrylic
- improved breaking resistance
- very good thermal insulation (K-value)
- easier processing and installing
- high stiffness
- good hail resistance
- excellent light transmission

The application field of Dacryl XS:

- industrial greenhouses and partitions
- conservatories and walkway coverings
- secondary glazing as: energy-saving roofglazing



dacryl[®]
XS



Dacryl TC

Dacryl TC

The Dacryl TC (Temperature Control) product range combines all the benefits of the Dacryl XS range, with the following additional features:

- a unique reflective top layer that filters the sunlight
- reduces heat infiltration into your conservatory by 65-80%
- additional sun protection is redundant
- has a nice even opal-white color
- creates a solid light incidence into your conservatory

The application field of Dacryl XS:

- conservatories and walkway coverings





Future IPB, the future ...



Research & development:

IPB is closely monitoring the sector for new materials, improved techniques and other novelties. Due to a close cooperation with machine constructors, we know exactly what are the technical possibilities. By using our creativity, we are able to continue to develop new products/applications.

IPB disposes of an own R&D center where new ideas are constantly being evaluated and tested. With further investments into machinery and human capital, we ensure our European market presence.

Service:

Our attention to detail borders on the obsessive. At IPB customer satisfaction is not just an empty slogan. Dedicated personnel and punctual deliveries throughout Europe are the final links in an organization that is well-equipped for the 21st century. Carefully thought-out working spaces are the ideal environment for an efficient and flexible marketing organization, guaranteeing excellent service.



Quality:

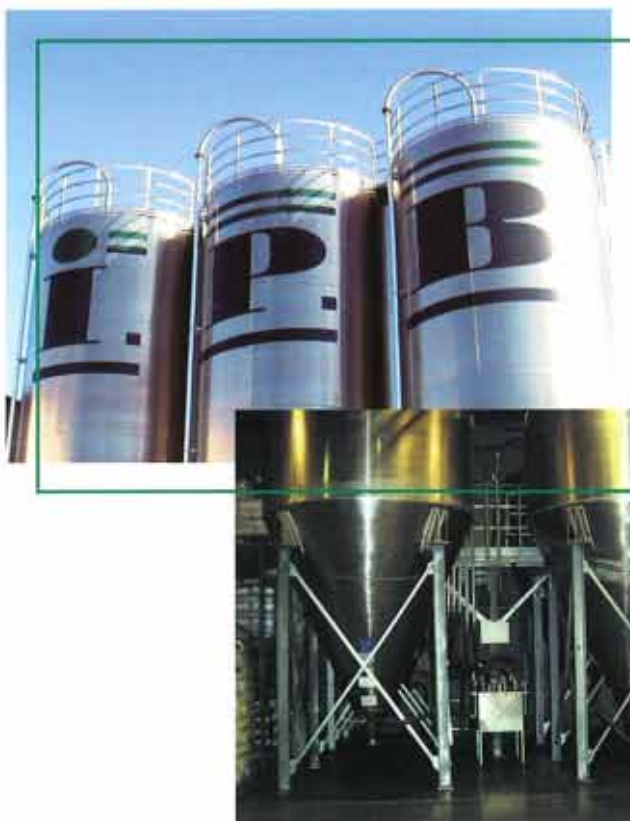
At IPB, product quality is decisive - our quality standards are clearly and well defined procedures on the road to a perfectly finished product. Well trained engineers working in our own lab facilities ensure quality consistency.

Environment:

Production procedures, recycling techniques and ecological features are constantly being evaluated ensuring the future of IPB.

Today, more than ever, we are facing new challenges. The 21st century will sort out the men from the boys. Success will be reversed for those companies which demonstrate an unlimited imagination.

You can count on IPB nv !!!





IPB nv

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