



Veralite®

characteristics



food approved



easily processable



economic



easy maintenance



good transparency



high rigidity



good chemical resistance



good impact resistance



excellent fire resistance



cold/hot bending



shockproof



ecological

possible processing



cutting



die cutting



welding
V200



bonding



sterilising



recycling



printing



sawing



drilling / milling



deburring / routing



thermoforming
V200



polishing

Veralite 100[®]

extruded plastic sheet based upon thermoplastic polyester APET (Amorphous Polyethylene Terephthalate).

Veralite 100 AR[®]

Veralite 100[®] sheet with a one-sided matted surface.

Veralite 200[®]

extruded plastic sheet based upon thermoplastic polyester PETG (Glycol modified Polyethylene Terephthalate).

Veralite 202 UV[®]

Veralite 200[®] sheet with a two-sided UV protection layer.

Veralite® is a range of high quality, extruded, transparent plastic sheets based upon PET (Polyethylene Terephthalate). Both APET (**Veralite® 100**) and PETG (**Veralite® 200**) are part of our product range.

Veralite® has a couple of unique characteristics: rigid, good transparency, chemical resistance, economic and ecological.

Veralite® can be used as an alternative to acrylic (PMMA), polycarbonate (PC) and PVC sheets.



Extruded transparent sheet based upon thermoplastic polyester

Veralite®



poster covers












signage

characteristics

-  food approved
-  easily processable
-  economic
-  crystallisable (only V100)
-  good transparency
-  high rigidity
-  good chemical resistance
-  good impact resistance
-  excellent fire resistance
-  cold bending
-  ecological
-  easy maintenance

possible processing

-  cutting
-  die cutting
-  cleaning
-  sterilising
-  recycling
-  printing
-  sawing
-  drilling / milling
-  deburring / routing

applications

safety glazing and machine guards, printed signage, product dispensers, displays, bus shelters, freezer trays, signs, ...

bus shelters





machine guards

glazing

small displays



Veralite® 100 is an extruded transparent plastic sheet based upon APET (Amorphous Polyethylene Terephthalate) with an excellent rigidity and a good chemical resistance. Furthermore, **Veralite® 100** can be crystallized (higher temperature resistance).

Veralite® 100 is the ideal product for flat and cold bending applications and can be used in several industries such as construction and visual communication.



Veralite® 100

Veralite® 100 AR

Veralite® 100 sheet with a one-sided matted surface. The matted surface of the sheet prevents reflection of sunlight while maintaining its superior transparency.



available up to 2 mm

bulletin boards

poster covers

characteristics



economic



good transparency



high rigidity



shockproof



ecological



good chemical resistance



good impact resistance



excellent fire resistance



prevents reflection



easy maintenance

applications

street sellers, poster covers, bulletin boards, displays, ...

street sellers



Veralite® 100

specifications



available thicknesses

from 0,6 mm up to 8 mm
Veralite 100 AR: up to 2 mm



standard dimensions

1250 x 2050 mm / 1250 x 2500 mm / 2050 x 3050 mm
cut-to-size on request

technical characteristics

density	ISO 1183	1,33	G / cm ³
light transmission	ASTM D 1003	89	%
tensile strength	ISO 527	53,5	Mpa
elongation at break	ISO 527	> 100	%
tensile modulus	ISO 527	± 2600	Mpa
impact strength unnotched	ISO 180	no fracture	KJ / m ²
impact strength notched	ISO 180	3,9	KJ / m ²



product
dispensers

baby
incubators



kiosks

characteristics



food
approved



easily
processable



printable



cold/hot
bending



good
transparency



ecological



shockproof



good impact
resistance



excellent fire
resistance



low expansion
coefficient with
temperature
variations



no predrying
needed



usable up
to -40°C

possible processing



cutting



die cutting



welding



bonding



sterilising



recycling



printing



sawing



drilling / milling



deburring / routing



thermoforming

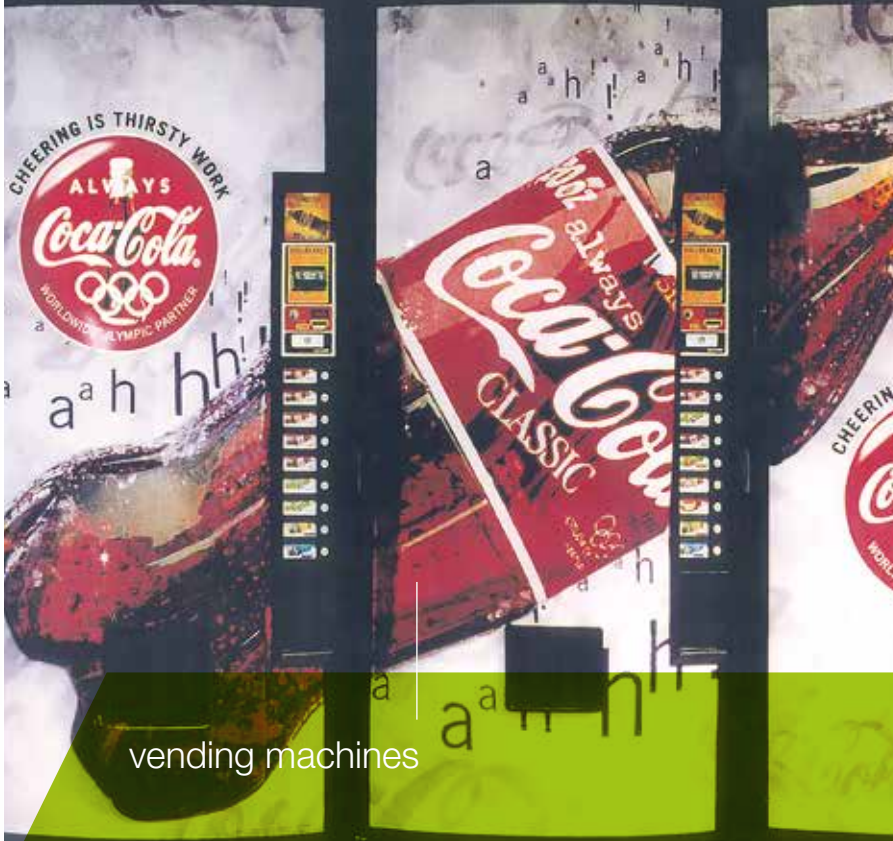


polishing

applications

vending machines, product displays, newspaper and magazine displays, chocolate moulds, kiosks, POS/POP-items, medical applications (baby incubators), safety guards, storage trays, ...





vending machines

vacuumforming



Veralite® 200 is an extruded transparent plastic sheet based upon PETG (Glycol modified Polyethylene Terephthalate). PETG has the advantage of not crystallizing when heating. This makes it easily processable. Veralite® 200 is the best choice for complex processing and detailed thermoforming.

Veralite® 200

Veralite® 202 UV

PETG sheet with a two-sided, coextruded UV protection layer which makes it suitable for long term outdoor use.

ski lift

bus shelters

signs

characteristics



good transparency



weatherproof



ecological



usable up to -40°C



easily printable



easily processable



good impact resistance



excellent fire resistance



low expansion coefficient with temperature variations



shockproof

applications

bus shelters, safety guards, signs, kiosks, ski lifts, ...



Veralite[®] 200

specifications



available thicknesses

from 0,75 mm up to 10 mm
12 & 14 mm on request



standard dimensions

1250 x 2050 mm / 1250 x 2500 mm / 2050 x 3050 mm
cut-to-size on request

technical characteristics

density	ISO 1183	1,27	G / cm ³
light transmission	ASTM D 1003	90	%
tensile strength	ISO 527	51,5	Mpa
elongation at break	ISO 527	> 100	%
tensile modulus	ISO 527	± 2200	Mpa
impact strength unnotched	ISO 180	no fracture	KJ / m ²
impact strength notched	ISO 180	9,0	KJ / m ²

Industrial Plastics Belgium (I.P.B. nv) was founded in 1984 and is specialised in the extrusion of high quality plastic sheets. Continuous investments in high-tech extrusion plants and the ongoing research and development have brought us the possibility to supply our customers with high quality and competitive products.

A drive for innovation, entrepreneurship, open communication and a no-nonsense policy are core values that made I.P.B. grow into one of the market leaders in its sector. Quality is key at I.P.B., High quality products are the result of thoughtful quality standards and sophisticated procedures. Our company is therefore ISO 9001 certified since 1996.

I.P.B. values the environment! Optimal use of energy, water recuperation, re-granulation and the re-extrusion of our waste causes our production process to have a minimal environmental impact. Customer satisfaction together with an eye for details, are decisive factors at I.P.B. With this we guarantee our customers an ultimate service. Devoted personnel and accurate deliveries to all corners of the world form the most reliable cornerstones for our organisation. We have the knowledge and are at your service to satisfy your future challenges and desires ...



Steenovenstraat 30 - 8790 Waregem
T +32 (0)56 60 79 19 - F +32 (0)56 61 08 85
www.iplast.be - info@iplast.be

