

Technical specifications

Coefficient of expansion	0,6 mm/m/10°C
Density	1,19 g/cm ³
Thickness tolerance	0,4mm +/- 10% of the nominal thickness
Saw tolerance	+/- 1mm
Deviation angularity	1,5 mm/1m
E-module	3300 MPA
Fire classification	E according to EN13501
Bending strength	1200 kg/cm
User temperature	-40°C – +80°C
Edges	Clean cut
Protective film	All sheets are provided with a protective film

Maintenance

Acrylic can be cleaned with a soft non-woven cloth. You can use water with some detergent, household vinegar or cleaning-alcohol. Do not clean it with a dry cloth, this makes the material static. PyraSied recommends to use Burnus antistatic clea-

ner or VuPlex. VuPlex gives a protective layer and removes visually small scratches. PyraSied can supply these multifunctional cleaners. You should never use Glassex, strong solvents, schotch-brite and other abrasive products.

Samples

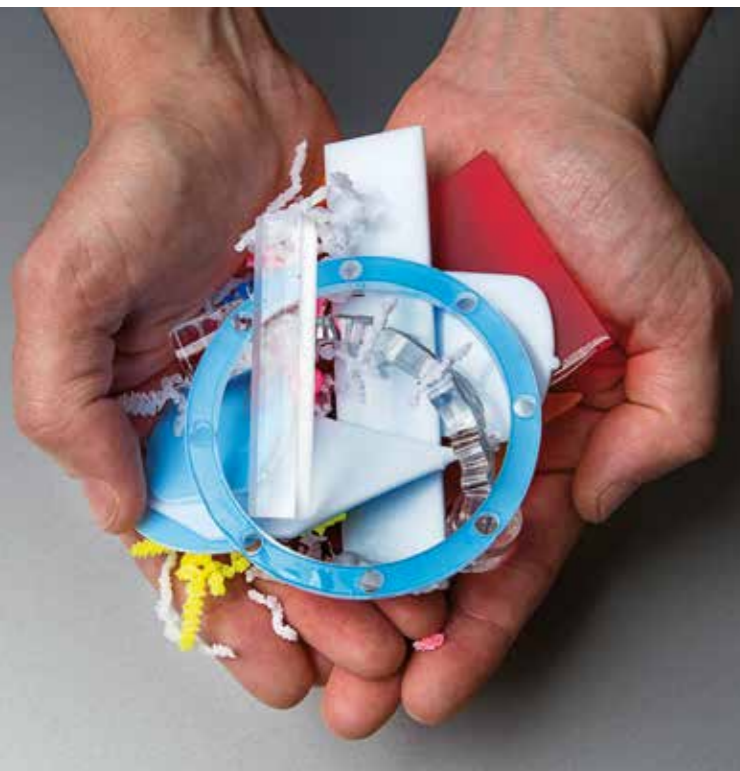
It is possible to order samples from the stock program via www.pyrasied.nl. Samples are available in 50x50mm and A4 size. Professionals can order samples via marketing@pyrasied.nl

MADE FROM 100% RECYCLED ACRYLIC

Greencast® is cast (clear) acrylic that is made from 100% recycled pre- and post-consumer acrylic. Greencast® is the most sustainable and especially green choice in the acrylic (plexiglass / pmma) world. Greencast® acrylic is optically very pure material and is UV-resistant. Colours other than the stock types can be cast with a certain minimum order quantity. So, all good reasons to choose recycled Greencast®!

Important characteristics

- Made from 100% recycled acrylic
- The green, circular choice in acrylic
- Can be recycled infinitely
- Has all the excellent characteristics of virgin acrylic
- Available in clear, white, opal and black
- Optically very pure sheet material
- Very colourfast and UV-resistant
- Easy to fabricate



PYRASIED XTREME ACRYLIC®

PYRASIED XTREME ACRYLIC®

Material description

Greencast® is an extremely high-quality cast acrylic completely made from 100% recycled material. Greencast® is a cast acrylic with all the good properties of cast PMMA / Plexiglas. Cast acrylic is optically more pure than extruded acrylic and is available in more different colours and thicknesses. Due to the casting production method, the sheet has some thickness tolerance. Recycled clear acrylic is very optically pure sheet material and very easy to work with. The big advantage of Greencast® is that it can be recycled time and time again. It is a circular material. This recycled acrylic is available in four different variants at PyraSied; clear, white, black and opal. Clear, white and black are standard colours in certain thicknesses and

can be ordered directly via the sales department as well as via the PyraSied webshop. Opal Greencast® and a number of other thicknesses of white and black acrylic are available on request.

Applications
Greencast® acrylic is often used as secondary windows, temporary glazing, indoor glazing, showcases, displays, protective covers, furniture, wall presentations or as other optically pure sheet material. Greencast® material is less suitable for very demanding optical applications such as light guide plates.

Delivery options
It is possible to make other colours and thicknesses Greencast® acrylic.

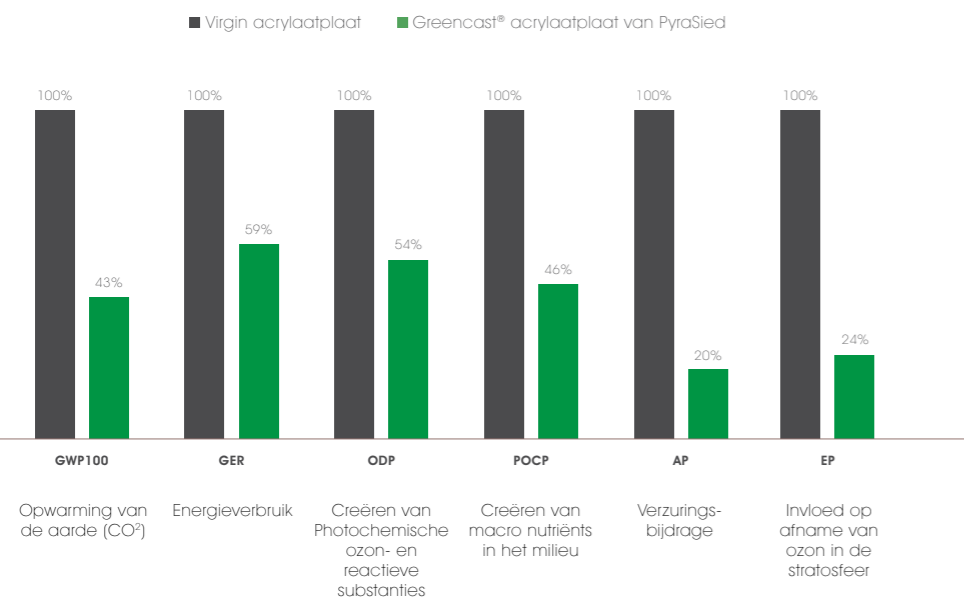
A minimum order quantity applies to these special options. Ask our Sales & Support department (sales@pyrasied.nl) for more information.

People & the environment
PyraSied places great value on people and the environment and that is reflected in our complete business operations where we consciously and carefully handle materials and raw materials. PyraSied has committed itself for more than three years to taking back acrylic for recycling. Greencast® is made from this. Greencast® is qualitatively similar to ordinary acrylic and the price is the same. Order Greencast®, 100% recycled acrylic!



Vergelijking milieubelasting van virgin acrylaat met **greencast** gerecycled acrylaat

Als virgin acrylaat 100% is, dan is Greencast®:



- Er zijn geen natuurlijke bronnen aangeboord om Greencast® te produceren
- Minder gebruikt acrylaat op de afvalbult en minder verbranding omdat acrylaat wordt gerecycled tot monomeer
- Oneindig lang te recycleren

Stock program

BINNENKORT OOK DIVERSE KLEUREN IN GREENCAST® OP VOORRAAD

surface	colour	article	transmission	size	thickness in mm											
					3	4	5	6	8	10	12	15	20	25		
gloss	clear	71000	TP	3050x2030 mm	●	●	●									
gloss	clear	71000	TP	3020x2020 mm				●	●	●	●	●				
gloss	clear	71000	TP	3000x2000 mm										●	○	
gloss	opal	72008	OP LT 31%	3050x2030 mm	○	○	○									
gloss	opal	72008	OP LT 31%	3020x2020 mm				○		○						
gloss	opal	PyraLed4	OP LT 55%	3050x2030 mm	●											
gloss	white	74013	SO	3050x2030 mm	●	○	○									
gloss	white	74013	SO	3020x2020 mm				○	○	○	○	○	○	○	○	
gloss	black	74881	SO	3050x2030 mm	●	○	○									
gloss	black	74881	SO	3020x2020 mm				○	○	○	○	○				
gloss	black	74881	SO	3000x2000 mm											○	

TP = transparent SO = solid OP = opal ● = stock ○ = factory stock □ = on request

The recycle process

