



PanGlas® EF is a cell cast Sanitary Grade Acrylic sheet modified to increase chemical and impact resistance. It is eminently suitable for thermoformed bathroomware parts with several grades to select from.

Benefits

PanGlas® EF Sanitary Grade Acrylic offers a world class acrylic comprising of characteristics such as high gloss, increased chemical resistance and high impact strength. PanGlas® can be colour matched and produced in either large or very small quantities to satisfy your customer's requirements.

PanGlas® EF has been modified to form at lower temperatures than other similar acrylics therefore allowing you to enjoy cost savings throughout your manufacturing processes.

Applications

PanGlas® EF was developed with the Bathroomware manufacturer in mind and therefore is suitable for the thermoforming of baths, showers and vanities.

Please contact IPS for further information and ordering details:

Telephone +64 (9) 442 4051, FAX +64 (9) 442 4053

P.O. Box 101505, NSMC, Auckland, New Zealand

www.ipsnz.com



Data Sheet: Physical properties of PanGlas® EF

Mechanical			
Impact strength	J/m	40	D256 - 88
Tensile strength	MPa	70	D638 - 89
Elastic modulus	MPa	2800	D638 - 89
Rockwell hardness	M scale	95	D785 - 62
Thermal			
Coefficient of linear thermal expansion	cm / cm / °c	7.7 x 10-5	D696 - 44
Vicat softening temperature, 1/10th [0.10 m/m]	°c	105	D1525 - 91
Heat deflection temperature	°c	100	D648 - 82
Hot forming temperature	°c	165-175	-
Other properties			
Specific gravity	g / cm3	1.19	D792 - 86
Water absorption	%	.30	D570 - 81

This data is based on tests carried out on 4.0mm Pan Asia acrylic only. Tests carried out with other manufacturers products are specifically disclaimed. We reserve the right to make alterations without further notice. Information in this data sheet is intended as a guide only. Because of the many factors and conditions of use outside our control, all suggestions contained herein are without guarantee. No liability is accepted for loss or damage arising from use or reliance on this information, or if such use or reliance infringes any patent.

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IPS Industrial Plastic Shapes

