

acrylic
sheets
for sanitaryware
applications



ACRYSAN™

timeless
elegance

AcrySan™ continuous cast acrylic sheets have been specially designed to provide bathroom comfort at a competitive price.

Easy to handle, manufacture and live with, AcrySan™ is a popular material for manufacturing bathtubs, shower walls, sinks and shower trays. In addition, it is fully recyclable.

Aristech Surfaces LLC

world
leader

Aristech Surfaces LLC is a leading manufacturer of acrylic sheets for a wide range of uses: hot tubs, spa baths, bathtubs and more. With over 50 years experience, our headquarters is based in Florence, KY and draws on its expertise to produce reliable, top quality products.

AcrySan™, AcrySpa™ and AcrySwim™ are acrylic sheets produced under the Aristech Acrylics® brand, for use in wellness.

MADE IN **USA**





easy to live with

comfort is a key word for AcrySan™, thanks to its surface characteristics which feels smooth and warm to the touch.

AcrySan™ is available in both monolithic and composite sheet, depending on your manufacturing requirements. Furthermore, the sturdiness and non-porous properties of AcrySan™ make it a durable, hygienic, easy to clean material that repels filth and grime. Homeowners and OEMs appreciate its stain and mildew resistance; just wiping it down with a mild detergent is all that's required to make it look like new.

In fact, AcrySan™ stands for long term colorfastness, elasticity coefficient, flexural resistance and non-yellowing characteristics and can easily be repaired if required.

colors



WHITE 6114



WHITE 6312



WHITE 6385



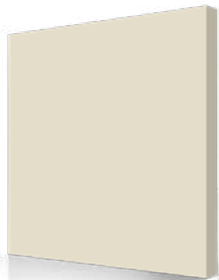
BISCUIT 6528



ICE GRAY 6504



BLACK 6252



ALMOND 6391



BONE 6345



SANDBAR 6793



— sturdy & durable

— non-porous & hygienic

— easy to clean & stain-proof



easy to shape easy to install

its molecular weight further ensures good resistance to rough handling conditions without any impact on its performance once installed.

The polyethylene film protects its glossy surface during shaping and is recommended to be removed at the time of installation, protecting the surface finish. Lastly, its light weight makes it a safe, easy-to-handle material during manufacturing and a benefit to the homeowner/builder in installation.

AcrySan™ is a "cross-linked" continuous cast acrylic sheet with unparalleled thermoforming properties. AcrySan™ was developed for baths, sinks, shower pans, shower walls, patterned shower walls, and shower accessories and to meet the needs of our customers, at every price point.



— manufacturing
expertise —

standard
and custom
options
available

technical properties

property	typical values	units	test method
general			
Thickness	0.125 (3,17)	Inch (mm)	–
Specific Gravity	1.19	–	ASTM D-792
Optical (Unaged)			
Refractive Index	1.49	–	ASTM D-542
Light Transmission	93.0	%	ASTM D-1003
Haze	0.8	%	ASTM D-1003
Ultraviolet Light Transmission (250-370 nanometers)	<1.0	%	UV Spectrophotometer
Optical (Aged)			
Light Transmission	93.0	%	ASTM D-1003
Haze	1.0	%	ASTM D-1003
Yellowness Index	+ 0.45	YI	ASTM D-1925
Mechanical			
Tensile Strength	10,000 (68,9)	psi (MPa)	ASTM D-638
Tensile Modulus	460,000 (3171)	psi (MPa)	ASTM D-638
Tensile Elongation	5.5	%	ASTM D-638
Flexural Strength	15,500 (106)	psi (MPa)	ASTM D-790
Flexural Modulus	450,000 (3102)	psi (MPa)	ASTM D-790
Notched Izod Impact	0.4 (2,1)	ft-lb/in .of notch (kJ/m ²)	ASTM D-256 (Method A)
Charpy Impact (Un-notched)	4.6 (24,2)	ft.-lb./in. (kJ/m ²)	ASTM D-6110
Falling Dart Impact	3.0 (4,1)	ft.-lbs. (J)	FTMS 406-M-107 4
Rockwell Hardness (M)	90-100	–	ASTM D-785
Barcol Hardness	48-52	–	ASTM D-2583
Thermal			
DTUL@ 264 psi (1.82 MPa)	190 (88)	°F (°C)	ASTM D-648
Thermal Conductivity	1.4 (20,2)	Btu/(h·ft ² ·°F/in) (W/(m ² • K/cm))	Cinco-Fitch
Specmc Heat	0.35 (1465)	Btu/(lb·°F) (J/(kg·K))	ASTM C-351
Coefficient of Linear Thermal Expansion	4.1 x 10 ⁻⁵ (7.4 x 10 ⁻⁵)	in./in./°F (cm/cm/°C)	ASTM D-696
Thermal Stability	No degradation	–	ASTM D-4802
30 min. @ 356°F (180°C)	94HB	–	UL Test#94
Miscellaneous			
Water Absorption	0.33	%	ASTM D-570





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