

Plastiglas Stonia®

Acrylic

Plastiglas de Mexico S.A de C.V.

Message:

Stonia® is an acrylic surface with veins that simulates natural onyx stone; non porous material, with high hardness and easy to maintain. It is highly hygienic because it does not allow fungus formation. Its easy maintenance allows the material to be one of the cleanest and brightest surfaces.

Applications:

Stonia is recommended for indoor applications only.

Decorative luminaries: walls, ceilings, hanging lamps.

Indoor and outdoor facades.

Lightened shelves.

Table covers in restrooms.

Table covers in bars and restaurants.

Table gardens and POP stands.

Interior partitions.

Decorative articles.

Characteristics:

Warm light transmission.

Esthetics.

Harmonize environments.

50% lighter than Onix stone (2.38 - 2.67 g/cm3).

Hygienic.

Moderate impact resistance.

Inert.

Easy to install.

Easy to maintain.

Flame retardant.

Easy to process.

Easy to add ttings.

General Information	
Features	Cleanable
	Flame Retardant
	Fungus Resistant
	Good Processability
	High Hardness
	Medium Impact Resistance
	Non-Porous
Uses	Consumer Applications
	Counter Top Flatstocks
	Decorative Parts
	Displays
	Furniture
	Lighting Applications
	Lighting Fixtures
	Sheet

Appearance	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	74		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2340	MPa	ASTM D638
Tensile Strength	42.1	MPa	ASTM D638
Tensile Elongation (Break)	2.7	%	ASTM D638
Flexural Strength	75.8 to 89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	69	J/m	ASTM D256
Gardner Impact	7.34	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.0	°C	ASTM D648
Continuous Use Temperature	75.0	°C	ASTM D794
Melting Temperature	60.0 to 82.2	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

