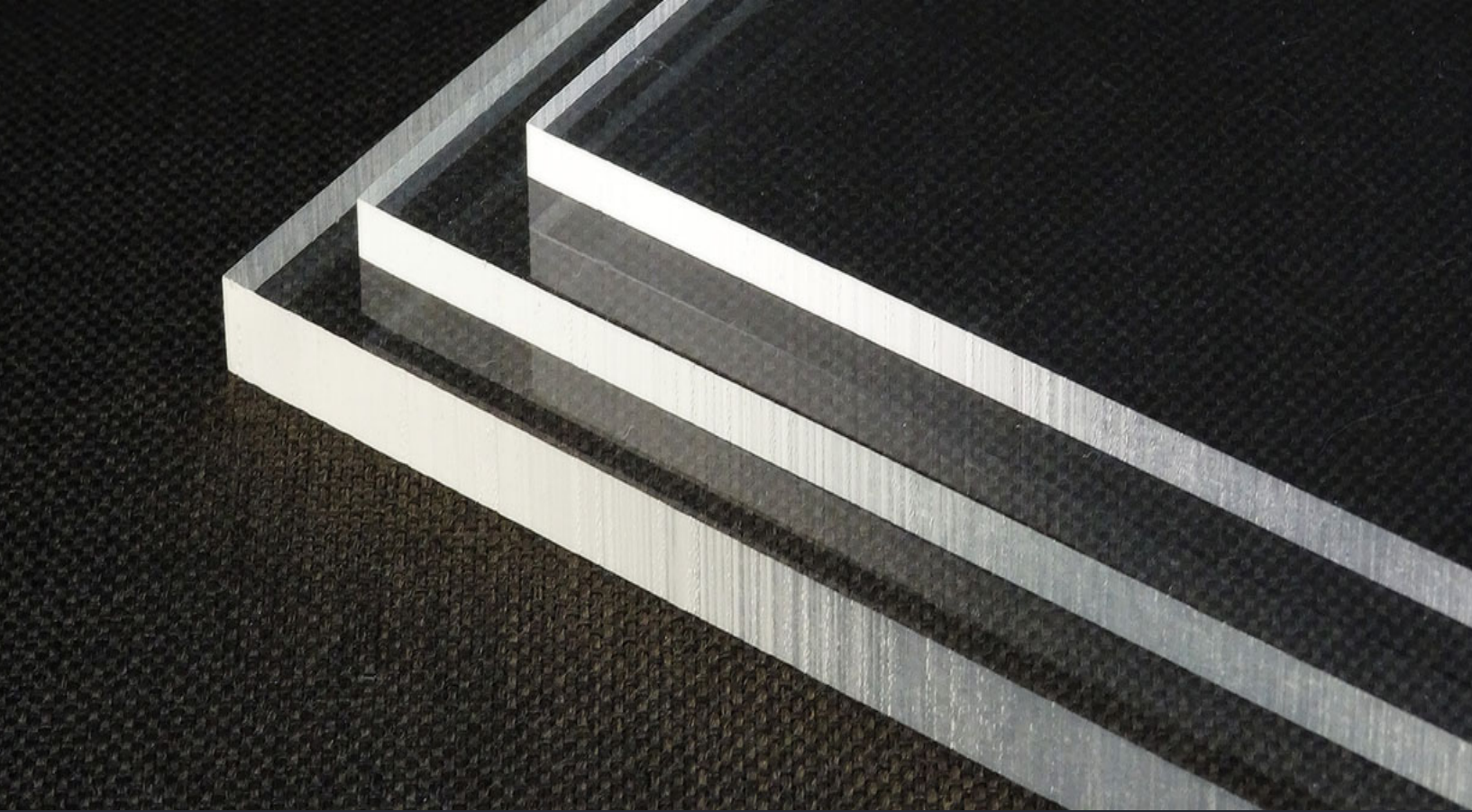
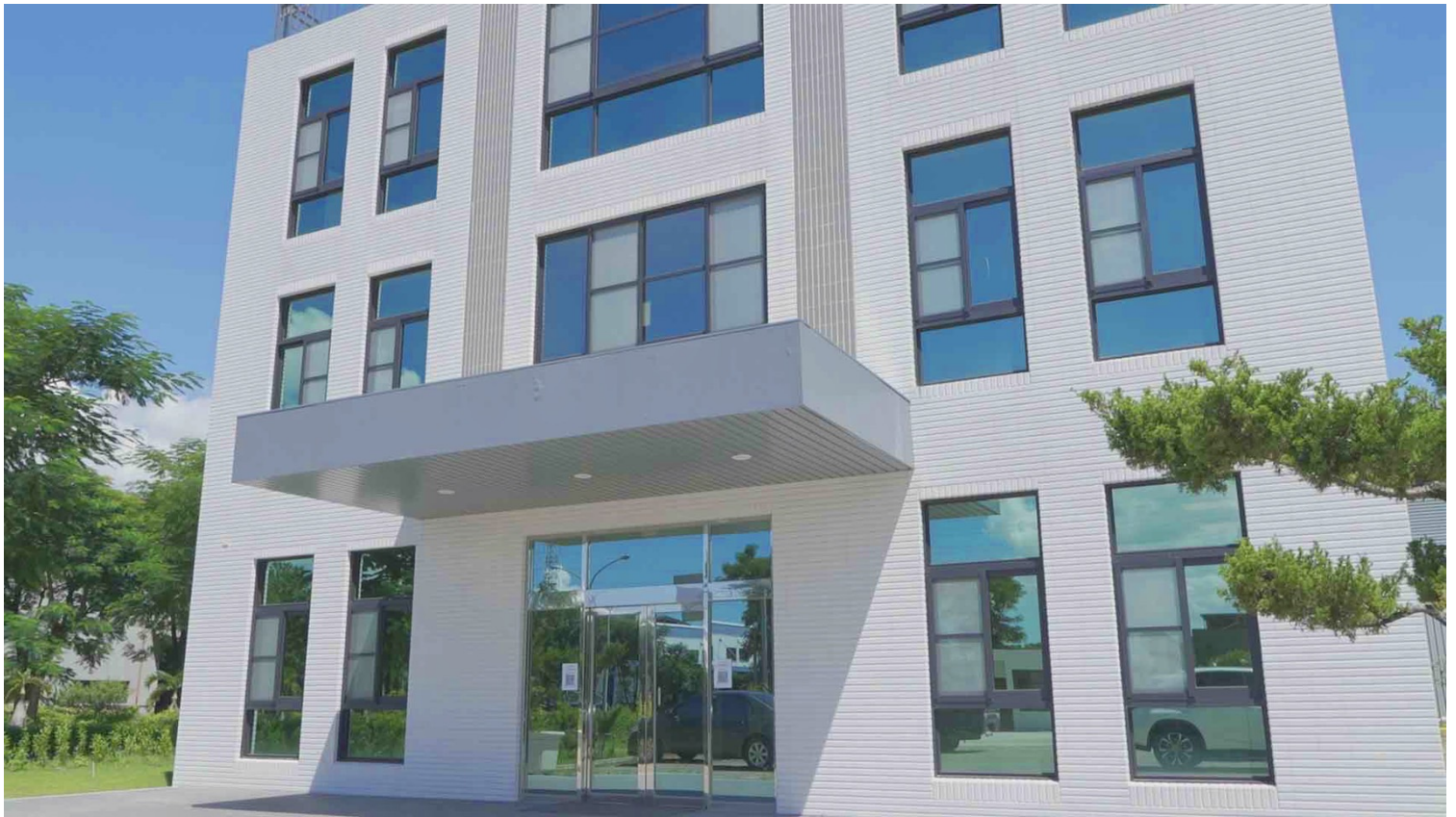




**Tung Tze
Technology**

The History Of Tung Tze Technology





Tung Tze Technology Co., LTD., was newly founded in 2018 and lead the pack in producing cast acrylic sheet in Taiwan by insist on using TOP class raw materials from reputed companies (such as PILKINGTON glass mould, Mitsubishi 100% pure MMA and color paste from Japan).

Our manufacturing team dedicated in producing cast acrylic sheets for more than 40 years, the quality of our products is absolutely the best and trustworthy.

We can provide full range of specification from 1.8mm to 50mm for specific size and customized color.

You are very welcomed to inquire production specification and quotation.

Basic Characteristics

- ◆ Outstanding weather resistance ability, color won't be disseminated and faded in years when exposing to the air.
- ◆ Bright and rigid surface, offer a variety of selection: Glossy to matted finished side.
- ◆ Good electrical insulation.
- ◆ The acrylic sheet's surface is as hard as Aluminum material, close to its scratch's resistant ability.
- ◆ Well performed in fabrication, easy for thermoforming and molding.
- ◆ Excellent in chemical resistance property.
- ◆ Stable physical property, suitable for any kinds of usage, construction projects...etc.
- ◆ Light in weight and safer than glass.
- ◆ Easy to clean.

TOP Class Raw Materials

- ◆ 100% virgin KMC (Mitsubishi group) MMA materials.
- ◆ PILKINGTON glass mould.
- ◆ Color paste from Japan and Taiwan.
- ◆ Kraft paper imported from Malaysia.

Our Advantage

- ◆ Latest production equipment with sophisticated technology.
- ◆ Wholesale price (direct factory manufacturing price).
- ◆ Taiwan TOP 1 larger production plant of cast acrylic sheet.
- ◆ Fast delivery and free sample providing.



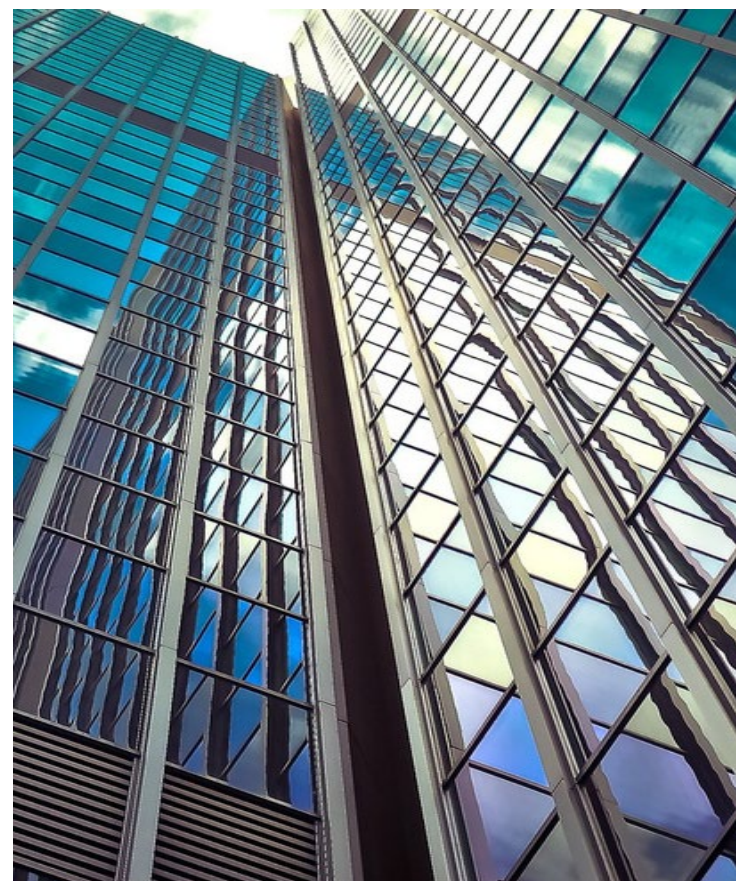
Product Applications

Widely used in our lives!



**Advertising sign boards, Light box,
Lampshade, Display boards, Aquarium,
Windshield, Sanitary ware, Building
material, Sunshade, Skylight, Dome, Daily
necessaries, Furniture.**





Acrylic Specification

Type	Q	L	P
Length	1220mm	1220mm	2000mm
Width	1830mm	2440mm	3000mm
Thickness (mm)	Weight (KG)		
1.8	4.78	6.38	-
2.0	5.31	7.08	-
2.5	6.64	8.86	-
2.7	7.17	9.56	-
2.8	7.44	9.92	-
3.0	7.97	10.63	21.42
3.5	9.30	12.40	24.99
3.7	9.83	13.11	26.42
3.8	10.10	13.46	27.13
4.0	10.63	14.17	28.56
4.5	11.96	15.94	32.13
4.8	12.75	17.00	34.27
5.0	13.28	17.71	35.70
5.5	14.61	19.48	39.27
5.8	15.41	20.55	41.41
6.0	15.94	21.25	42.84
7.0	18.60	24.80	49.98
8.0	21.25	28.34	57.12
9.0	23.91	31.88	64.26
10.0	26.57	35.42	71.40
12.0	31.88	42.51	85.68
15.0	39.85	53.14	-
18.0	47.82	63.76	-
19.0	50.48	67.31	-
20.0	53.14	70.85	-
22.0	58.45	77.93	-
24.0	63.76	85.02	-
25.0	66.42	88.56	-
30.0	79.70	106.27	-
40.0	106.27	141.70	-
45.0	119.56	159.41	-
50.0	132.84	177.12	-

Thickness Tolerance Permission

Type	Q 、 L	P
Thickness (mm)	Thickness Tolerance (%)	
1.8	12	-
2.0	10	-
2.5	8	-
2.8	8	-
3.0	8	15
3.5	8	15
3.7	8	15
3.8	8	15
4.0	7	14
4.5	7	14
4.8	7	14
5.0	7	14
5.5	7	14
5.8	7	14
6.0	5	12
7.0	5	12
8.0	5	10
9.0	5	10
10.0	4	10
12.0	4	10
15.0	4	-
18.0	4	-
19.0	4	-
20.0	4	-
22.0	4	-
24.0	4	-
25.0	4	-
30.0	4	-
40.0	4	-
45.0	4	-
50.0	4	-



Regular Color



Tung Tze insist on using color paste from reputed company, and we also provide customized colors.



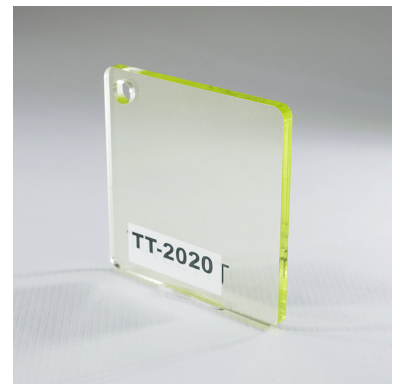
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TT-201



TT-2010



TT-2020



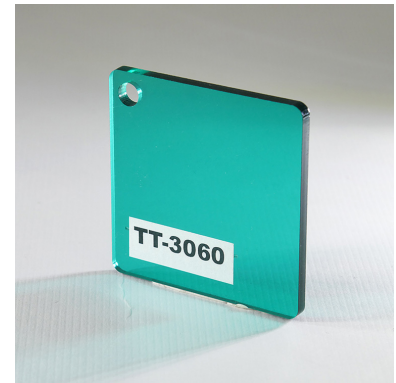
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TT-356



TT-3060



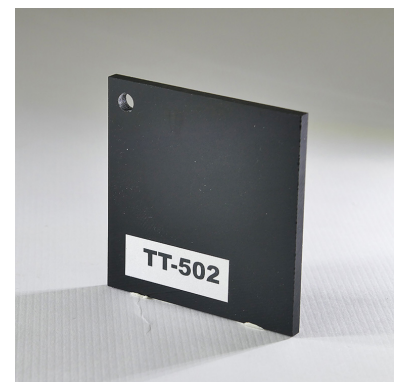
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TT-430



TT-450



TT-502



TT-101



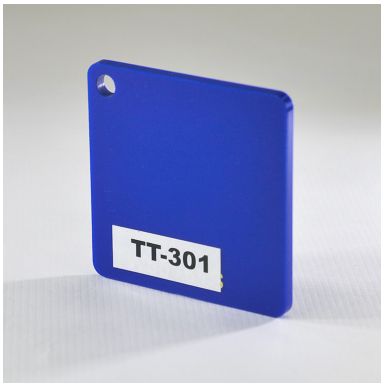
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TT-150



TT-1010



TT-301



TT-330



TT-350



TT-3010



TT-3070



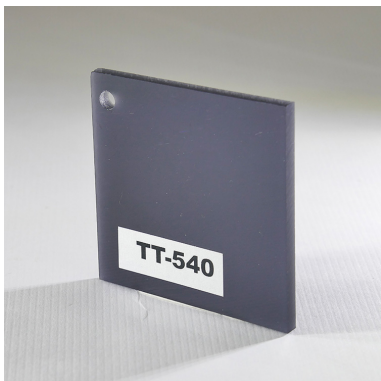
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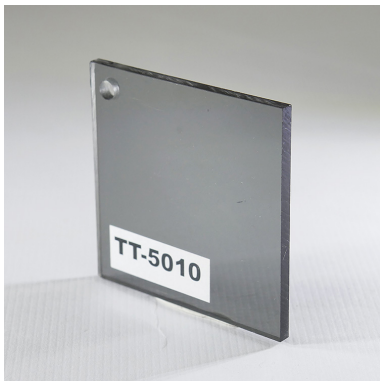
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TT-433



TT-540



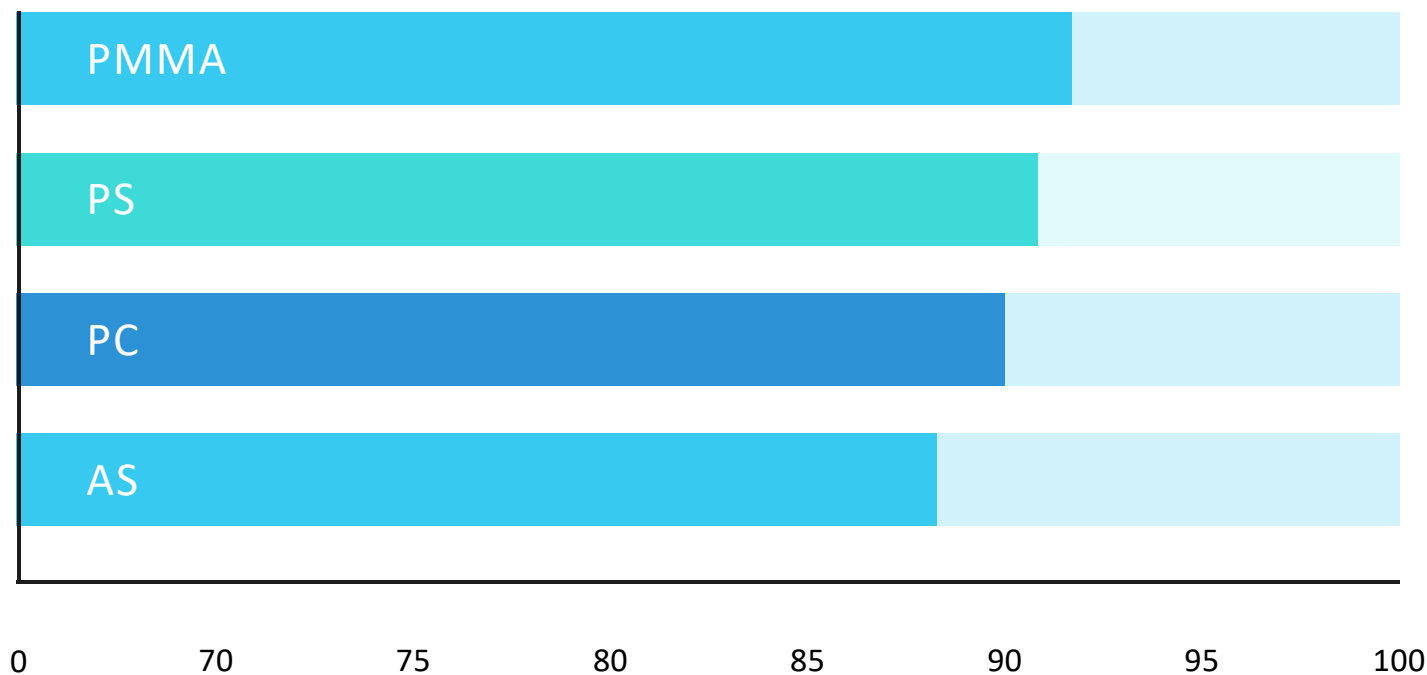
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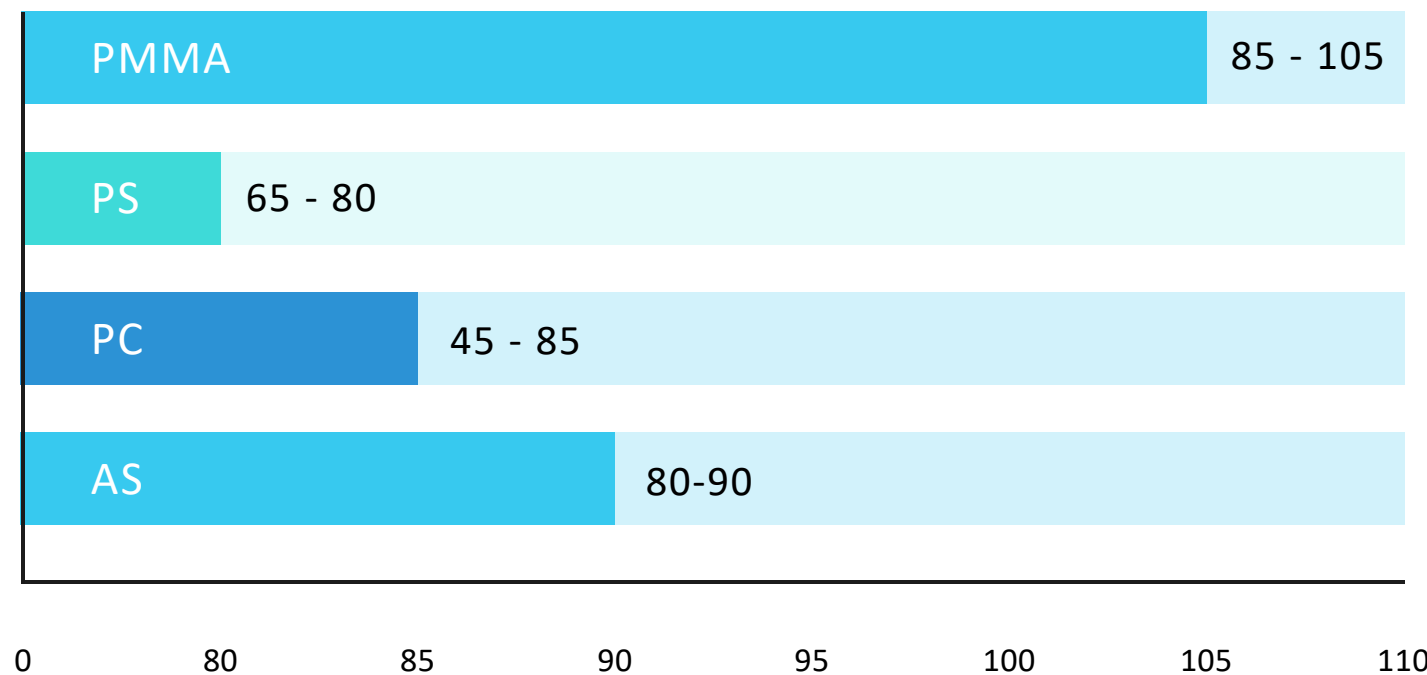
TT-000

Superior Physical Properties

Transmittance (%)



Hardness (H)



Acrylic Material Properties

Property	Value
Density	1.19 g/cm ³
Rockwell Hardness	102 M scale
Water Absorption	0.2%
Flammability	E
Light Transmission (Parallel rays)	92%
Light Transmission (Full rays)	93%
Heat distortion temperature	100°C
Ultimate temperature of continuous operation	80°C
Thermoforming range	140-180°C
Tensile Strength	75MPa
Elongation at Break	4%
Flexural Strength	116MPa
Flexural Modulus	3310MPa
Tension	-
Coefficient of rupture	700 kg/cm ²
Coefficient of elasticity	28000 kg/cm ²
Bending	1.5
Coefficient of rupture	5 kg/cm ²
Coefficient of elasticity	28000 kg/cm ²
Insulating Strength	20v/mm

Special Instruction

Under Installation

1. Reserve enough space for stretching :

- ◆ Reserve the frame for contractility.
- ◆ Making the screw hole in oval.
- ◆ Cushion material should as elastic as rubber.
- ◆ Forming acrylic sheet into not significant shape.
- ◆ Using straighten or forming way to increase the cross-sectional coefficient to avoid interior stress.

2. Prevent Transformation:

- ◆ Forming acrylic sheets into wave , wrap and through to increase cross-sectional coefficient in order to prevent transformation from the weight of acrylic sheet itself and loading.
- ◆ Increasing thickness of acrylic sheet when length and the dimension is larger. It necessary to calculate thickness related to tension tolerance and ending strength of acrylic sheet on the surface that endures wind pressure.

Test Report

ISO 9001:2015

Certificate of Registration

*This is to certify that the
QUALITY MANAGEMENT SYSTEMS*

of

Tung Tze Technology Co., LTD.

No. 8, Jingjian Rd. Pingtung City, Pingtung County, TAIWAN, R.O.C.

for

Manufacture of Cast Acrylic Sheet

has been assessed and registered against the provisions of

ISO 9001:2015

International Standard with

Registration Number: 21QMA51492
Registration Date: 29 Nov., 2021
Issue Date: 29 Nov., 2021
Expiration Date: 28 Nov., 2024
Cycle Start Date: 29 Nov., 2021
Certification Approved:



UNIVERSAL CERTIFICATION SERVICE CO., LTD.



Management System
Certification
MS008



1. This certificate is the property of Universal Certification Service Co., Ltd., 4F-1, No., 21, Sec. 4, Nanjing E. Rd., Songshan District, Taipei City, Taiwan, R.O.C.
2. The Registration information and authenticity of this certificate can be confirmed at www.ucscert.com.tw
3. Registration is subject to the management system being continually maintained to the above standard under regular surveillance audit. Should surveillance audit not take place when required, registration shall be removed.



PIN CODE: B913A4AA

RoHS



PIN CODE: 6E26B48D

REACH

In addition to complying with EU RoHS standard (2011/65/EU), all our products comply with the requests of SVHC (Substances of Very High Concern) released by ECHA (European Chemicals Agency).

Cast Acrylic Sheet Manufacturer

Superior Quality,

Competitive Price

Tung Tze Technology Co., LTD

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