MARGA CIPTA



COLOR CHAIN

ACRYLIC MARGA CIPTA

PT MARGACIPTA WIRASENTOSA

PRODUCTS

MC® CAST ACRYLIC SHEET

MC® is the brand name of the general purpose cell cast acrylic sheet manufactured by PT. Margacipta Wirasentosa. The raw material, methyl methacrylate (MMA) is polymerized into MC® cast acrylic sheet. MC® cast acrylic sheet is produced in batches between two sheets of superior quality glass. The finished product offers strength and superior top qualities not available in other types acrylic sheet.





THE MC® VALUE PROPOSITION

- Resilient, Easy to Handle and Fabricate
- Superior Optical Quality
- High End Raw Material Only – No Re-Grind or Recycled Raw Material
- Strict compliance with ASTM D-4802 & L-P-391D Standards
- Superior Thickness Tolerance Achieved Through Proprietary Production Procedures
- Heat Thermoformable PE and Paper Masking options
- Protective Palletizing and Bracing for Safe Transport







SPECIFICATIONS

PropertiesU	nit	
Specific Grafity	-	1.19
Hardness	-	HNC - 96
Water Absorption	%	0.35
Tensile Strength Tensile Strength at yield Tensile Strength of break Tensile modulus Elongation at break	Kg/cm² Kg/cm² Kg/cm² % 	709 696 29,532 8
Bending Strength Flexural Strength Flexural Modulus	Kg/cm² Kg/cm² 	1.052 31,264
Impact Strength	Kg/cm²	1.1
Shear Strength	Kg/cm²	600 - 650
Transmittancy Full rays Parallel rays	% % 	93.3 HAZE = 0.27
Specific Heat	Cal/g/°C	0.35
Heat Distortion Temperature (4.6kg/cm)	°C	100
Coefficient of Heat Conductivity	Cal/g/°C	4.5 x 10-4
Coefficient of Linear Expansion	Cal/g/°C	6.5 x 10-5
Ultimare Temperature of Continuius Operation	°C	60 - 90
Flammability	Mm/min	33
Surface Resistivity at 28°C	Ohm	>1016
Volume Resistivity	Ohm cm	> 10-15
Thermoformong Ranges	°C	140 - 180
Dielectric Strength	Kv/Mm	20

CAST ACRYLIC SHEET CHEMICAL FEATURES (RESISTANT PROPERTIES TO CHEMICAL AGENTS

Sulfur Acid 60°C	Stable to 60%
Hydrochloric Acid 60°C	Stable to 30%
Nitric Acid 60°C	Stable to 20%
Caustic Soda 60°C	Stable to 50%
Aqueois Ammonia 60°C	Stable to 18%²
Acetic Acid 60°C	Dissolve
Ethyl Acetate	Dissolve
Toluene	Dissolve
Ethylene Dichloride	Dissolve
Benzene	Dissolve
Methyl Alcohol	Dissolve
Diemethyl Formamide	Dissolve
Acetone	Dissolve
Aniline	Dissolve

SIZE & THICKNESS TOLERANCE

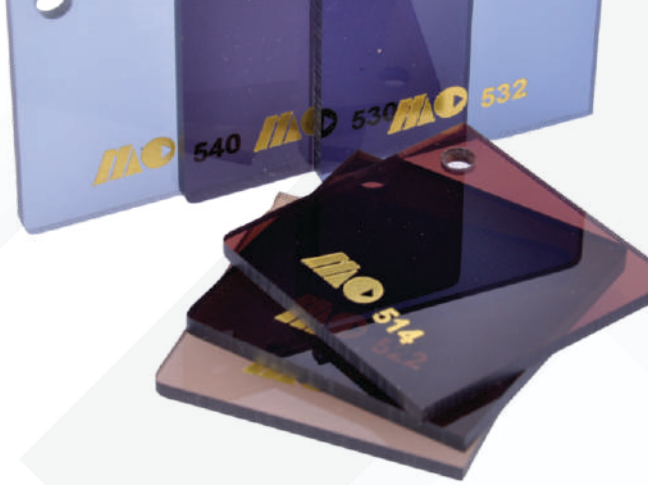
Thickness	Sheet Size								
	0.92x1.83	1.22x1.83	1.22x2.44	1.38x1.831	x2	1.29x2.51	1.88x2.492	.03x3.05	(m)
(mm)	3'x6'4	'x6'	4'x8	4.5'x6	3.3'x6.5'4	.2'x8.2'	6.2'x8.2'6	.5'x9.8'	(feet)
1.5									
2									
3									
4									
4.5									
5									
6									
8									
10									
12									
15									
18									
20									
25									
30									
40									
50									

If the size/thickness above does not meet your criteria, please inform us, we can adjust the size/thickness to your criteria.

Colors and Pattern

clear, opal, Transparant, Color/ satin, fluorescent.

If the color above does not fit your criteria, please let us know.





MC 000



MC 000 M



MC 030



MC 030 M



MC 402



MC 404



MC 404 M



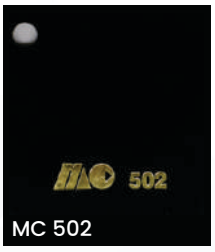
MC 432



MC 433



MC 433 H



MC 502



MC 502 M



MC 801

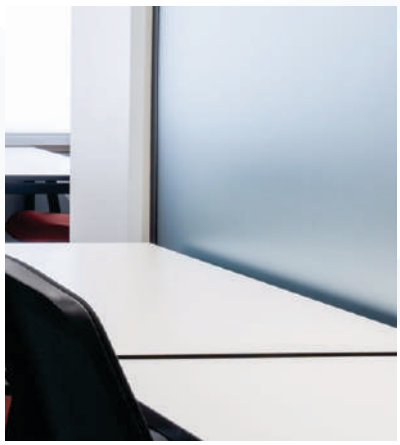


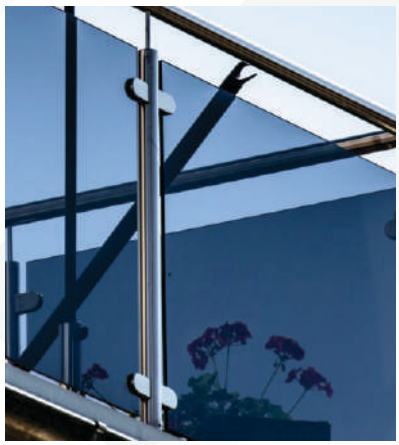
MC 902



MC 3092







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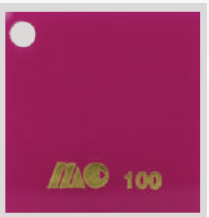


MC 100



MC 101



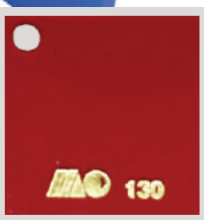
MC 104



MC 115



MC 128



MC 130



MC 135



MC 202



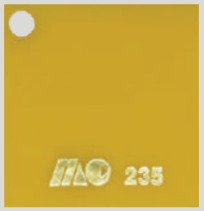
MC 206



MC 215



MC 212



MC 235



MC 236



MC 266



MC 301



MC 302



MC 304



MC 322



MC 324



MC 325



MC 326



MC 327





Colors and Pattern

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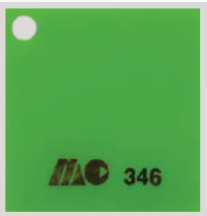


MC 346



MC 347



MC 348



MC 362



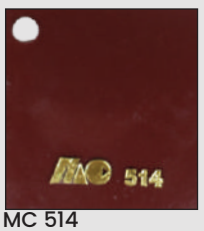
MC 367



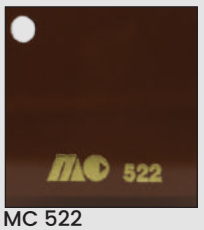
MC 377



MC 504



MC 514



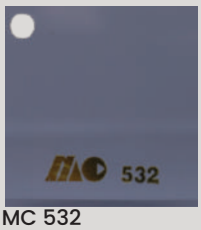
MC 522



MC 524



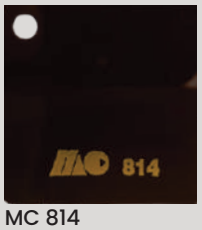
MC 530



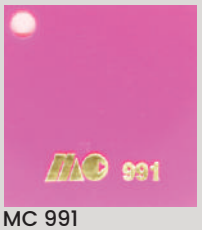
MC 532



MC 540



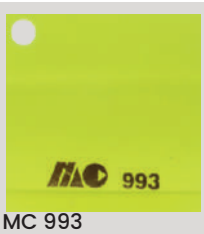
MC 814



MC 991



MC 992



MC 993



MC 994



MC 3010



T-SERIES



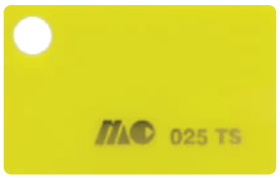




MC 020 TS



MC 021 TS



MC 025 TS



MC 031 TS



MC 032 TS



MC 034 TS



MC 041 TS



MC 049 TS



MC 051 TS



MC 052 TS



MC 066 TS



MC 068 TS



T-SERIES





MC 074 TS



MC 081 TS



MC 088 TS



MC 413 TS



MC 053 TS



MC 054 TS



MC 061 TS



MC 062 TS



MC 063 TS



MC 065 TS



MC 613 TS



MC 805 TS



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