



# Glastic<sup>®</sup> PMMA Sheet

Product Name : MHC+DH

Type : Clear

Materials : Coated Polymethylmethacrylate

Dimension : User spec

Thickness : 0.5mm ~ 3mm

Property	Test Method	Units	Value	Note
<b>Manufacturing Specifications</b>				
Thickness Tolerance	Thickness Measuring System	%	< ±5	less than 0.5mm
			< ±3	0.5mm or more than 0.5mm
<b>Optical Property</b>				
Light Transmittance	ISO 13468	%	>91	at 550nm
Yellow Index	DIN 6167	%	<1.0	
Haze	ISO 14782	%	<0.5	
<b>Thermal Property</b>				
Thermal Shrinkage	i-Comp. Method	%	< ±0.15	80°C, 30min
High temp & Humidity resistance	i-Comp. Method	%	< ±0.15	80°C, 90%(R.H), 96hr
<b>Mechanical Property</b>				
Abrasion resistance	i-Comp. Method		No scratches	Steel wool #0000
Pencil hardness	ISO 15184		4H	750g load(n=5,c=2)
Adhesion	ISO 2409	ea/100	100/100	
Printability			Good	Oil pen
<b>Chemical Property</b>				
Solvent resistance			No visual change	Methanol Acetone DMF
<b>Heavy Metal Contents</b>				
Cadmium(Cd)			N.D.	
Lead(Pb)			N.D.	
Mercury(Hg)			N.D.	
Hexavalent Chromium(Cr VI)			N.D.	
Arsenic(As)			N.D.	ROHS Testing Report
Beryllium(Be)			N.D.	
<b>Brominated Flame Retardants</b>				
Polybrominate Bisphenyls(PBBs)			N.D.	
Polybrominate Diphenyl Ethers(PBDEs)			N.D.	