



Glastic[®] PMMA Sheet

Product Name : MHC+SH-HI
Type : Clear
Materials : Coated Polymethylmethacrylate
Dimension : User spec
Thickness : 0.5mm ~ 3mm

Property	Test Method	Units	Value	Note
Manufacturing Specifications				
Thickness Tolerance	Thickness Measuring System	%	< ±5	less than 0.5mm
			< ±3	0.5mm or more than 0.5mm
Optical Property				
Light Transmittance	ISO 13468	%	>91	at 550nm
Yellow Index	DIN 6167	%	<1.0	
Haze	ISO 14782	%	<0.5	
Thermal Property				
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
Mechanical Property (Coated side)				
Abrasion resistance	i-Comp. Method		No scratches	Steel wool #0000
Pencil hardness	ISO 15184		3H	750g load(n=5,c=2)
Adhesion	ISO 2409	ea/100	100/100	
Printability			Good	Oil pen
Chemical Property				
Solvent resistance			No visual change	Methanol Acetone DMF
Heavy Metal Contents				
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.	
Brominated Flame Retardants				
Polybrominate Bisphenyls(PBBs)			N.D.	
Polybrominate Diphenyl Ethers(PBDEs)			N.D.	