

TEIJIN

Human Chemistry, Human Solutions

Panlite[®] sheet

PC/PMMA

Multi-Layer Sheet

PC/PMMA Multi-Layer Sheet

Grades:

PC-T101、PC-D101

Features:

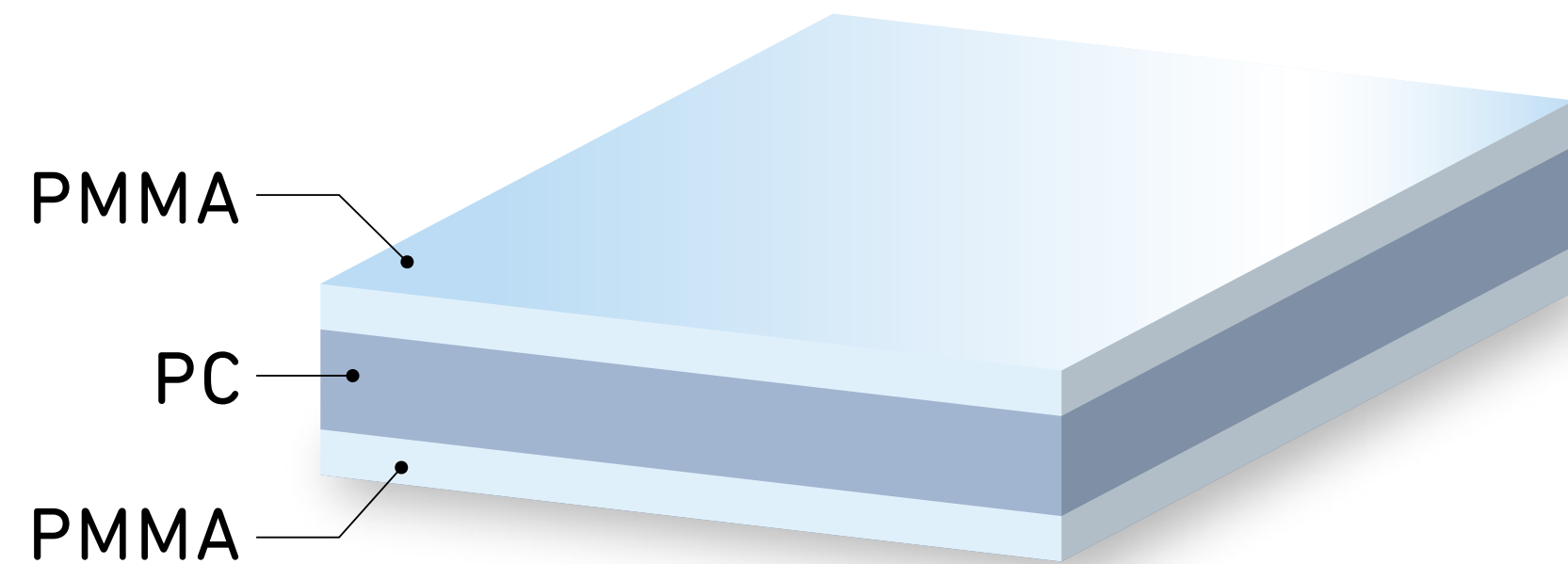
- Panlite® sheet has the excellent features of polycarbonate resin such as heat resistance, impact resistance, and good processability, and also has excellent surface hardness like acrylic.
- This grades is suitable for the front panel of in-vehicle displays such as automotive center information displays and LED meters.



PC/PMMA Multi-Layer Sheet

Panlite® sheet

PC-T101



Standard Size

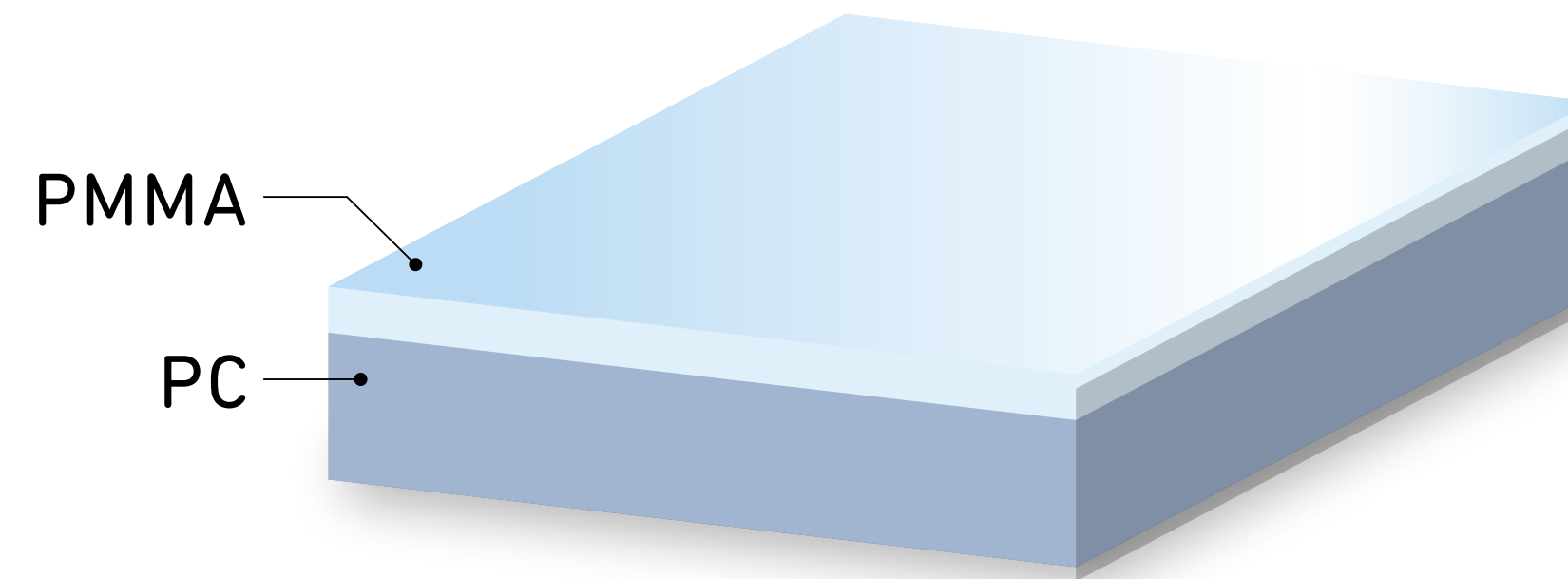
Width : 1,000mm

Length : 2,000mm

Thickness : 1.0 ~ 2.0mm

Panlite® sheet

PC-D101



Standard Size

Width : 1,000mm

Length : 2,000mm

Thickness : 0.5 ~ 2.0mm

*Please contact us for sizes.

*Smoked gray sheets also available.

PC/PMMA Multi-Layer Sheet Physical Properties

Item		Test method	Unit	PC-T101 (2 types, 3 layers)	PC-D101 (2 types, 2 layers)	PC single layer	
				2.0mm	2.0mm	(Reference)	
Optical	Total light transmittance	ISO 13468-1	%	Over 90 *	Over 89 *	Over 88	
	Haze	JIS K 7136	%	<1.0	<1.0	<1.0	
	Retardation (Re) @589nm	KOBRA-WFD	nm	150±70	—	—	
	Transmission distortion	In house method	—	○	○	○	
Other	Pencil hardness	JIS K 5600	—	2H	2H	2B	
	Scratch resistance	Steel wool	100gf×5 wipes	—	△	△	×
		Gauze	100gf×100 wipes	—	◎	◎	△
	Water contact angle	JIS R 3257	°	81	81	84	
	Weatherability	SWOM BP:63°C with rain (18/120min)	—	○	○	×	
	Impact resistance	DuPont method 500g / 100mm	—	△	◎	◎	
Surface resistivity		JIS K 6911	Ω	>10¹⁶	>10¹⁶	>10¹⁵	

*Clear product measurement result

The values in the above table are measured, not guaranteed values.