



苏州奥美材料科技有限公司

SUZHOU Omay OPTICAL MATERIALS CO., LTD

Product code : (PC+PMMA Sheet - GMC3A11)

PMMA/PC Composite Co-extrusion ;

Double-sided polishing, double-sided protective film, high transparency ;

product thickness : 0.5mm-2.5mm ;

Product usage : Mobile phone plastic back cover

Product property list

Serial number	Physical property	Performance	unit	testing standard
Product composition	PMMA层			
	PC层			
Physical properties	density	1.2	g/cm ³	ISO 1183
	Haze	<0.5	%	ASTM D570
	Transmittance	>89	%	ASTM D1003
Mechanical behavior	Tensile Strength	62-66	MPa	ASTM D638
	Elongation at break	-	%	ASTM D638
	Tensile modulus	2300	MPa	ASTM D256
Weather resistance	Surface Tension	≥34	Dyn / cm	Test solution
	UV resistant	380	nm	-
Heat resistance	90℃ 1hr	No change	Flatness	Visual inspection
Electrical performance	Arc resistance	250	-	IEC60112
	Surface resistivity	1.00E+16	Ω/square	ASTM D257
	Volume resistivity	1.00E+17	Ω-cm	ASTM D257
Pencil hardness	PMMA surface	2H	500g force	JIS 5600
	PC surface	2B		
Flammability	Flammability rating	HB		-

Note: This test is for reference only and is not intended as an absolute application indicator.



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