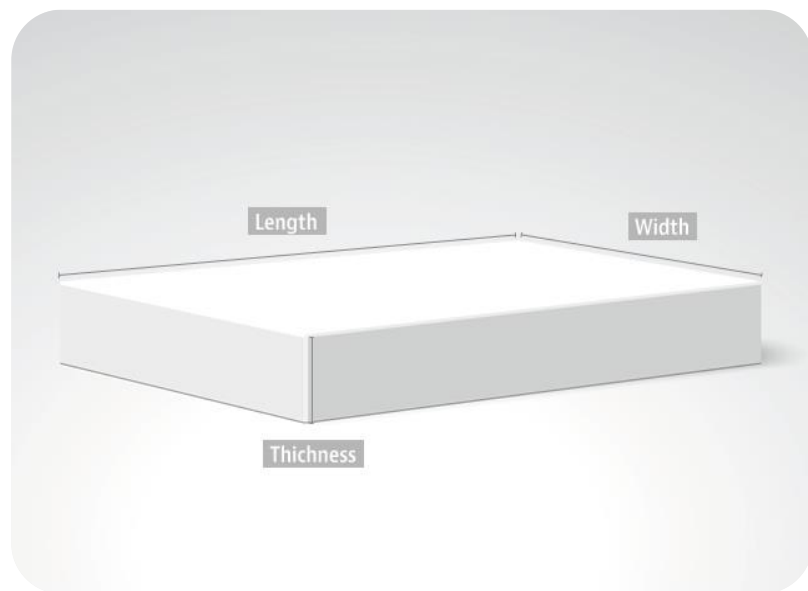


Acrylic Solid Surface Technical Data Sheet



Properties	Specification
Thickness	6mm,9mm,12mm,25mm
Width	760mm,930mm,1,250mm,1,350mm,1,530mm
Length	2,000mm~3,700mm
Remark	Length is adjustable according to customer's demand, we also offer glue

Item	Unit	Result	Test Method
Specific Gravity((23/23) °C)(Method A)	-	1.75	ASTM D792-13
Water Absorption(24 h Immersion)	%	0.03	ASTM D570-98(2018)
Barcol Hardness	-	61	ASTM D2583-13a
Rockwell Hardness(HRM)(Procedure A)	-	88	ASTM D785-08(2015)
Izod Impact Strength(Method A)	J/m	18	ASTM D256-10(2018)
Tensile Strength(*)	MPa	48.8	ASTM D638-14
Tensile Modulus of Elasticity(*)	GPa	10.7	ASTM D638-14
Flexural Strength(**)	MPa	67.9	ASTM D790-17
Flexural Modulus of Elasticity(**)	GPa	10.1	ASTM D790-17
Thermal Expansion	1/°C	4.0 X 10-5	By The Client(KS M 3015 : 2003 Apply Correspondingly)
Pencil Hardness(Mitsu bishi pencil)	-	7H	KS M ISO 15184 : 2012
Deflection Temperature Under Load (1.82 MPa)	°C	111	ASTM D648-18(Method B)