

# ABS TAIIRILAC® AG15A1 FCFC TAIWAN

Properties:	High gloss, characteristics, high gloss, high impact resistance
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Usages: suitcases.	Household goods, plastic toys, shoe heels, toys, clock casings, audio peripherals,
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Physical				
Melt index	200°C×5kgf(49N)	ASTM D-1238(ISO 1133)	1.6	g/10min
Melt index	220°C×10kgf(98N)	ASTM D-648(ISO 75/A)	17	g/10min

Thermal Properties				
Heat Deflection Temperature	Unannealed 18.6kg/cm <sup>2</sup> (1/2"厚)	ASTM D-648(ISO 75/A)	89	°C
Flammability	FILE NO.E162823	UL 94	1/16"HB All Color	
Vicat Softening Temperature	1Kg load	ASTM D-1525(ISO 306)	104	°C
Heat Deflection Temperature	Annealed(8°C×8hr)	ASTM D-648(ISO 75/A)	101	°C

Mechanical Properties				
Tensile Strength	23°C	ASTM D-638(ISO 527)	510(50)	kg/cm <sup>2</sup> (MPa)
flexural modulus	23°C	ASTM D-790(ISO 178)	27000(2650)	kg/cm <sup>2</sup> (MPa)
Flexural Strength	23°C	ASTM D-790(ISO 178)	850(84)	kg/cm <sup>2</sup> (MPa)
Izod Impact Strength	23°C	ASTM D-256(ISO R180)	20(196)	kg.cm/cm(J/m)
Rockwell Hardness	23°C	ASTM D-785(ISO 2039/2)	R-110	

Physical Properties				
Density / Specific Gravity	23°C	ASTM D-792(ISO 1183)	1.05	

IMPORTANT NOTES: Plas.com collected the data in the data sheet from the material manufacturers. Plas.com makes the best effort to improve  
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the accuracy of the data, but has no responsibility for the data. We strongly recommend verifying the validity of the data with the material manufacturers before making a final decision.

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