







FCFC ABS resin AG12A1 meets the requirements of UL, SGS and the certificates of environmental protection.

- Documents Download :
-  Processing Conditions
  -  Material Safety Data Sheet
  -  UL
  -  RoHS
  -  REACH for SVHC
  -  Certificates of environmental protection

TAIRILAC ABS resin consolidated property data sheet:

Property	Unit	Test Method	Test Condition	AG12A1
Tensile Strength	kg/cm <sup>2</sup> (MPa)	ASTM D-638 (ISO527)	23°C	510 (50)
Flexural Strength	kg/cm <sup>2</sup> (MPa)	ASTM D-790 (ISO178)	23°C	750 (74)
Flexural Modulus	kg/cm <sup>2</sup> (MPa)	ASTM D-790 (ISO178)	23°C	25000 (2450)
Rockwell Hardness	R-Scale	ASTM D-785 (ISO2039/2)	23°C	R-105
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256 (ISO R180)	23°C 1/4" bar	30 (294)
Vicat Softening Temperature	°C	ASTM D-1525 (ISO 306)	1Kg load	103
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed 18.6kg/cm <sup>2</sup> (1/2" bar)	84
			Annealed (80°C×8Hr)	94
Melt Flow Index	g/10 min	ASTM D-1238 (ISO1133)	200°C×5Kg (49N)	1.6
			220°C×10Kg (98N)	17
Specific Gravity		ASTM D-792 (ISO1183)	23°C/23°C	1.04
Flammability		UL-94	FILE NO. E162823	1/16" HB All Color

The above typical data is supplied only for technical information and may be changed without prior notice.

If there are any questions, please feel free to contact us.

TEL: +886-2-2717-8405  
FAX: +886-2-2713-1649