


FORMOSA CHEMICALS & FIBRE CORPORATION
TAIRILAC[®] ABS RESIN

| Property | Unit | Test Method | Test Condition | General Purpose Grade |
|-----------------------------|------------------------------|-------------|---|---|
| | | | | AG15A1-H |
| Tensile Strength | kg/cm ² (MPa) | ASTM D-638 | 23 °C | 460 (45) |
| Flexural Strength | kg/cm ² (MPa) | ASTM D-790 | 23 °C | 810 (80) |
| Flexural Modulus | kg/cm ² (MPa) | ASTM D-790 | 23 °C | 26000 (2548) |
| Rockwell Hardness | R-scale | ASTM D-785 | 23 °C | R-110 |
| Izod Impact Strength | kg-cm/cm (J/m) | ASTM D-256 | 23 °C 1/4" | 25 (246) |
| Vicat Softening Point | °C | ASTM D-1525 | 1Kg load | 100 |
| Heat Deflection Temperature | °C | ASTM D-648 | Unannealed 18.6 kg/cm ² (1/4"bar) | 88 |
| | | | Annealed (80°C×8hr) | 95 |
| Melt Flow Index | g/10 min | ASTM D-1238 | 200°C×5kg (49N) | 2.2 |
| | | | 220°C×10kg (98N) | 24 |
| Molding Shrinkage | % | ASTM D-955 | 3.2mm | 0.4~0.7 |
| Specific Gravity | | ASTM D-792 | 23°C/23°C | 1.05 |
| Flammability | | UL-94 | File No. E162823 | 1.0mm HB 1.5mm HB 3.0mm HB All Color |
| CHARACTERISTICS | High gloss, Medium impact | | | |

All tests were run under laboratory conditions, ASTM, ISO testing procedures. The data are intended as a general guide only.

Formosa Chemicals & Fibre Corp. Plastics Div.

TEL: +886-2-27122211 / FAX: +886-2-27131649 /

Address: No.201, Dunhua N. Rd., Songshan Dist., Taipei City 105, Taiwan

Website: <https://en.fcfc-plastics.com/>

