

# ABS樹脂



Formosa Chemical & Fibre Corporation

| Property                    | Unit                  | Test Method | Test Condition                 | High Flow Grade |
|-----------------------------|-----------------------|-------------|--------------------------------|-----------------|
| Model                       |                       |             |                                | AF3560          |
| Melt Flow Index             | g/10 min              | ISO 1133    | 200°C × 5kg                    | 5.2             |
| Melt Flow Index             | g/10 min              | ISO 1133    | 220°C × 10kg                   | 53              |
| Charpy Impact Strength      | kJ/m²                 | ISO 179     | 23 °C, 4mm厚, Notched           | 14              |
| Tensile Strength            | Mpa                   | ISO 527     | 23 °C, 50mm/min                | 43              |
| Flexural Strength           | Mpa                   | ISO 178     | 23 °C, 2mm/min                 | 58              |
| Flexural Modulus            | Mpa                   | ISO 178     | 23 °C, 2mm/min                 | 1700            |
| Rockwell Hardness           | R-scale               | ISO 2039-2  | 23°C                           | R-109           |
| Vicat Softening Point       | °C                    | ISO 306     | Annealed, 50N, 50°C/h          | 93              |
| Heat Deflection Temperature | °C                    | ISO 75/A    | Annealed, 1.8Mpa 4mm厚, 120°C/h | 91              |
| Molding Shrinkage           | %                     | ISO 2577    | 3.2mm                          | 0.4 ~ 0.7       |
| Combustibility              |                       | UL-94       | File No. E162823               | HB 1.5 ~ 3 mm   |
| Features                    | High flow,High impact |             |                                |                 |

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

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