



# 耐衝擊共聚合物PP樹脂

Formosa Chemical & Fibre Corporation

| Property                    | Unit                                                        | Test Method | Test Condition                       | Injection Molding |
|-----------------------------|-------------------------------------------------------------|-------------|--------------------------------------|-------------------|
| Model                       |                                                             |             |                                      | K7005AG           |
| Melt Flow Index             | g/10 min                                                    | ASTM D-1238 | 230°C × 2.16kg                       | 5                 |
| IZOD Impact Strength        | kg-cm/cm                                                    | ASTM D-256  | 23 °C, 1/8", Notched                 | 40                |
| IZOD Impact Strength        | kg-cm/cm                                                    | ASTM D-256  | -20°C, 4mm, Notched                  | 5                 |
| Specific Gravity            | -                                                           | ASTM D-792  | 23°C/23°C                            | 0.9               |
| Tensile Strength            | kg/cm <sup>2</sup>                                          | ASTM D-638  | 23 °C, 50mm/min                      | 270               |
| Tensile Elongation at break | %                                                           | ASTM D-638  | 23 °C, 50mm/min                      | >200              |
| Flexural Modulus            | kg/cm <sup>2</sup>                                          | ASTM D-790  | 23 °C                                | 14000             |
| Rockwell Hardness           | R-scale                                                     | ASTM D-785  | 23 °C                                | R-93              |
| Heat Deflection Temperature | °C                                                          | ASTM D-648  | Unannealed, 0.455Mpa 1/4" 厚, 120°C/h | 120               |
| Molding Shrinkage           | %                                                           | FCFC Method | 23 °C                                | 1.4 ~ 1.8         |
| Combustibility              |                                                             | UL-94       | File No. E162823                     | HB 1.5 mm         |
| Features                    | Hight impact strength, High Stiffness, Goog light stability |             |                                      |                   |

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

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