



| Property                    | Unit                            | Test Method | Test Condition                   | IR transmittance grade |
|-----------------------------|---------------------------------|-------------|----------------------------------|------------------------|
| Model                       |                                 |             |                                  | AC2955                 |
| Melt Flow Index             | g/10 min                        | ISO 1133    | 300°C × 1.2kg                    | 20                     |
| Charpy Impact Strength      | kJ/m²                           | ISO 179     | 23 °C, 4mm厚, Notched             | 65                     |
| Specific Gravity            | -                               | ISO 1183    | 23°C                             | 1.2                    |
| Tensile Strength            | Mpa                             | ISO 527     | 23 °C, 50mm/min                  | 68                     |
| Flexural Strength           | Mpa                             | ISO 178     | 23 °C, 2mm/min                   | 110                    |
| Flexural Modulus            | Mpa                             | ISO 178     | 23 °C, 2mm/min                   | 2205                   |
| Rockwell Hardness           | R-scale                         | ISO 2039-2  | 23°C                             | R-122                  |
| Heat Deflection Temperature | °C                              | ISO 75/A    | Unannealed, 1.8Mpa, 4mm, 120°C/h | 128                    |
| Molding Shrinkage           | %                               | ISO 2577    | -                                | 0.5 ~ 0.7              |
| Combustibility              |                                 | UL-94       | File No. E162823                 | v-2 1 mm               |
| Features                    | IR transmittance, Mid-high flow |             |                                  |                        |

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

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