



| Property                    | Unit                         | Test Method            | Test Condition                                      | High Transparency Grade           |
|-----------------------------|------------------------------|------------------------|-----------------------------------------------------|-----------------------------------|
| Model                       |                              |                        |                                                     | AC2916                            |
| Melt Flow Index             | g/10 min                     | ASTM D-1238            | 300°C×1.2kg                                         | 35                                |
| IZOD Impact Strength        | kg-cm/cm                     | ASTM D-256             | 23°C, 3.2mm, Notched                                | 60                                |
| Specific Gravity            | -                            | ASTM D-792             | 23°C                                                | 1.2                               |
| Tensile Strength            | kg/cm <sup>2</sup>           | ASTM D-638             | 23 °C, 50mm/min                                     | 650                               |
| Flexural Strength           | kg/cm <sup>2</sup>           | ASTM D-790             | 23 °C, 2mm/min                                      | 1200                              |
| Flexural Modulus            | kg/cm <sup>2</sup>           | ASTM D-790             | 23 °C, 2mm/min                                      | 24000                             |
| Rockwell Hardness           | R-scale                      | ASTM D-785             | 23 °C                                               | R-123                             |
| Heat Deflection Temperature | °C                           | ASTM D-648             | Unannealed, 18.6kg/cm <sup>2</sup> , 3.2mm, 120°C/h | 126                               |
| Molding Shrinkage           | %                            | ASTM D-955             | -                                                   | 0.5 ~ 0.7                         |
| Flammability                | -                            | UL-94                  | FILE NO. E162823                                    |                                   |
| Transmissin                 | %                            | ASTM D-1003            | 3.2mm                                               | > 90                              |
| Haze                        | %                            | ASTM D-1003            | 3.2mm                                               | < 0.5                             |
| Flammability                | -                            | UL94 / UL746B / UL746C | FILE NO. E162823                                    | 1.0mm V2<br>RTI 80°C<br>All Color |
| Combustibility              |                              | UL-94                  | File No. E162823                                    | v-2 1 mm                          |
| Features                    | High Transparency, 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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