

| Property                                         | Test Condition | Test Method ISO | Units               | Flame retardant |
|--------------------------------------------------|----------------|-----------------|---------------------|-----------------|
|                                                  |                |                 |                     | V-0, 5VA        |
|                                                  |                |                 |                     | 834V-X06        |
|                                                  |                |                 |                     | >ABS-FR(17)<    |
| Physical property                                |                |                 |                     |                 |
| Density                                          | 23℃            | ISO1183         | kg/m <sup>3</sup>   | 1140            |
| Specific Gravity                                 |                | ASTM D792       | -                   | 1.14            |
| Mechanical property                              |                |                 |                     |                 |
| Tensile strength                                 | 23℃            | ISO527-1,2      | MPa                 | 43              |
| Elongation at Break                              | 23℃            | ISO527-1,2      | %                   | 5               |
| Flexural Strength                                | 23℃            | ISO178          | MPa                 | 63              |
| Flexural Modulus                                 | 23℃/50% RH     | ISO 178         | MPa                 | 2040            |
| Rockwell Hardness                                | 23℃            | ISO2039-2       | R Scale             | 103             |
| Rockwell Hardness                                | 23℃/50% RH     | ASTM D785       | Rスケール               | 103             |
| Charpy Impact Strength (V-notched)               | 23℃            | ISO179          | kJ/m <sup>2</sup>   | 10              |
| Ball Pressure Temp./0.1mm Vicat Softening T emp. |                |                 | ℃                   | 90～90           |
| Heat property                                    |                |                 |                     |                 |
| Heat Deflection Temp High Load                   | 1.80MPa        | ISO75-1,2       | ℃                   | 76              |
| Flammability                                     |                | UL94            | rank/thickness m mt | 5VA(3.0mm)      |
| Molding property                                 |                |                 |                     |                 |
| Mold shrinkage                                   | 23℃/50% RH     | Toray Method    | %                   | 0.4-0.7         |
| Melt Flow Rate                                   | 220℃/98N       | ISO 1133        | g/10min             | 43              |

These values are typical data for this product under specific test conditions and not intended for use as limiting specifications.

COPYRIGHT © TORAY INDUSTRIES,INC

