

| Property                             | Test Condition | Test Method ISO | Units                  | Reinforced                             |
|--------------------------------------|----------------|-----------------|------------------------|----------------------------------------|
|                                      |                |                 |                        | Good Appearance(China tone)<br>, MD40% |
|                                      |                |                 |                        | 1101H                                  |
|                                      |                |                 |                        | >PBT+PET-MD40<                         |
| Physical property                    |                |                 |                        |                                        |
| Density                              | 23℃            | ISO1183         | kg/m <sup>3</sup>      | 1840                                   |
| Mechanical property                  |                |                 |                        |                                        |
| Tensile strength                     | 23℃            | ISO527-1,2      | MPa                    | 55                                     |
| Elongation at Break                  | 23℃            | ISO527-1,2      | %                      | 1.8                                    |
| Tensile Modulus                      | 23℃            | ISO527-1,2      | GPa                    | 4.6                                    |
| Flexural Strength                    | 23℃            | ISO178          | MPa                    | 100                                    |
| Flexural Modulus                     | 23℃            | ISO178          | GPa                    | 4.3                                    |
| Rockwell Hardness                    | 23℃            | ISO2039-2       | R Scale                | M80                                    |
| Charpy Impact Strength (V-notched)   | 23℃            | ISO179          | kJ/m <sup>2</sup>      | 2                                      |
| Charpy Impact Strength (Unnotched)   | 23℃            | ISO179          | kJ/m <sup>2</sup>      | 20                                     |
| Heat property                        |                |                 |                        |                                        |
| Heat Deflection Temp Low Load        | 0.45MPa        | ISO75-1,2       | ℃                      | 150                                    |
| Heat Deflection Temp High Load       | 1.82MPa        | ISO75-1,2       | ℃                      | 75                                     |
| Flammability                         |                | UL94            | rank/thickness m<br>mt | HBEquivalent                           |
| Molding property                     |                |                 |                        |                                        |
| Mold shrinkage(Machine Direction)    | 80×80×3mmt     | Toray Method    | %                      | 1.8                                    |
| Mold shrinkage(Transverse Direction) | 80×80×3mmt     | Toray Method    | %                      | 1.7                                    |

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

