

GroupCode :

PCMU PY620

## 【Physical Properties Data】

| Item                                           | Unit                | Value | Test Method                       |
|------------------------------------------------|---------------------|-------|-----------------------------------|
| Specific Gravity                               | -                   | 1.2   | JIS K 7112 (MOD ISO1183)          |
| Surface Hardness (Rockwell)                    | M scale             |       | JIS K 7202                        |
|                                                | R scale             |       |                                   |
| Tensile Stress at Yield                        | MPa                 | 68    | JIS K 7161-2-1B/50 (IDT ISO527-2) |
| Nominal Tensile Strain at Break                | %                   | 79    |                                   |
| Modulus of Elasticity in Tension               | MPa                 | 2250  | JIS K 7161-2-1B/1 (IDT ISO527-2)  |
| Charpy Impact Strength(Notched)                | kJ/m <sup>2</sup>   | 9     | JIS K 7111-1epA (MOD ISO179)      |
| Flexural Stress                                | MPa                 |       | JIS K 7171 (MOD ISO178)           |
| Flexural Modulus                               | MPa                 |       |                                   |
| Temperature of Deflection under Load           | °C(0.45MPa)         | -     | JIS K 7191                        |
|                                                | °C(1.80MPa)         | 135   |                                   |
| Vicat Softening Temperature                    | °C(methodA/10N)     | -     | JIS K 7206 (MOD ISO306)           |
|                                                | °C(methodB/50N)     | 146   |                                   |
| Dimensional Change on Heating<br>(145°C/55min) | %(longitudinal)     | 5     | JIS K 7133 (IDT ISO11501)         |
|                                                | %(latitudinal)      | -1    |                                   |
| Surface Resistivity                            | 10 <sup>X</sup> Ω/□ |       | JIS K 6911                        |
| Volume Resistivity                             | 10 <sup>X</sup> Ω•m |       |                                   |
| Total light transmittance                      | %                   |       | JIS K 7161-1                      |

## 【Other】

| Item        | Unit | Value       | test method |
|-------------|------|-------------|-------------|
| Color       | -    | Transparent | -           |
| Munsell No. | -    |             | -           |

The above data are a series of test results with 5mm thick specimen and given here without guarantee.