

LCY

PP

6331

Product information

| | |
|--------------------|--|
| Part Marking Code | PP |
| Material Shape | Pellets |
| Polymer | Homopolymer |
| FR | HB |
| Material Attribute | Food contact |
| Features | Good moldability、 Low Odor |
| Application | Closures、 Food container、 Housewares application、 Injection molding applications |

| Mechanical behavior | Condition | Standard | Value | Unit |
|---------------------|-----------------|------------|-------|--------------------|
| Elongation | Yield | ASTM D638 | 9 | % |
| Elongation | Break | ASTM D638 | 83 | % |
| Flexural Modulus | | ASTM D790 | 17500 | kg/cm ² |
| Izod Notch Impact | 23℃ | ASTM D256 | 2.1 | kg-cm/cm |
| Tensile Strength | Yield | ASTM D638 | 370 | kg/cm ² |
| Thermal | Condition | Standard | Value | Unit |
| HDT | 0.45MPa | ASTM D648 | 108 | ℃ |
| Physical property | Condition | Standard | Value | Unit |
| Shrinkage | | ASTM D955 | 1.2 | % |
| Density | | ASTM D792 | 0.904 | g/cm ³ |
| Melt Index | 230℃ 2.16kg | ASTM D1238 | 14.5 | g/10min |
| Hardness | Condition | Standard | Value | Unit |
| Rockwell Hardness | R(Scale) | ASTM D785 | 101 | |
| Flammability | Condition | Standard | Value | Unit |
| Flame Rating | All Color 1.5mm | UL94 | HB | |
| Flame Rating | All Color 3.0mm | UL94 | HB | |