

**RP 340R**

PP

Braskem

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|--|--------------|-------------------|----------------------|
| <b>ISO Data</b>                            |              |                   |                      |
| Melt flow index, MFI                       | <b>25</b>    | g/10min           | ISO 1133             |
| Temperature                                | <b>230</b>   | °C                | -                    |
| Load                                       | <b>2.16</b>  | kg                | -                    |
| <b>ASTM Data</b>                           |              |                   |                      |
| Melt Flow Index, MFI                       | <b>25</b>    | g/10min           | ASTM D 1238          |
| Temperature                                | <b>230</b>   | °C                | -                    |
| Load                                       | <b>2.16</b>  | kg                | -                    |
| <b>Mechanical properties</b>               |              |                   |                      |
| <b>ISO Data</b>                            |              |                   |                      |
| Yield stress                               | <b>31</b>    | MPa               | ISO 527              |
| Yield strain                               | <b>12</b>    | %                 | ISO 527              |
| Flexural modulus, 23°C                     | <b>1100</b>  | MPa               | ISO 178              |
| Izod notched impact strength, +23°C        | <b>50</b>    | kJ/m <sup>2</sup> | ISO 180/1A           |
| Rockwell hardness                          | <b>R 82</b>  | -                 | ISO 2039-2           |
| <b>ASTM Data</b>                           |              |                   |                      |
| Tensile Strength at Yield                  | <b>30</b>    | MPa               | ASTM D 638           |
| Elongation at Yield                        | <b>14</b>    | %                 | ASTM D 638           |
| Rockwell Hardness                          | <b>R 84</b>  | -                 | ASTM D 785           |
| Izod Impact notched, 1/8 in                | <b>50</b>    | J/m               | ASTM D 256           |
| <b>Thermal properties</b>                  |              |                   |                      |
| <b>ISO Data</b>                            |              |                   |                      |
| Temp. of deflection under load, 0.45 MPa   | <b>78</b>    | °C                | ISO 75-1/-2          |
| <b>ASTM Data</b>                           |              |                   |                      |
| DTUL @ 66 psi                              | <b>78</b>    | °C                | ASTM D 648           |
| <b>Optical properties</b>                  |              |                   |                      |
| <b>ASTM Data</b>                           |              |                   |                      |
| Haze                                       | <b>17</b>    | %                 | ASTM D 1003          |
| <b>Other properties</b>                    |              |                   |                      |
| Density                                    | <b>902</b>   | kg/m <sup>3</sup> | ISO 1183             |
| Density                                    | <b>902</b>   | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Transparent

**Features**

High Gloss, Low Odor, Copolymer, Random Copolymer

**Regional Availability**

North America, Europe, South and Central America