

**H 604**

PP

Braskem

| Processing/Physical Characteristics      | Value | Unit              | Test Standard |
|--|-------|-------------------|---------------|
| <b>ISO Data</b>                          |       |                   |               |
| Melt flow index, MFI                     | 1.5   | g/10min           | ISO 1133      |
| Temperature                              | 230   | °C                | -             |
| Load                                     | 2.16  | kg                | -             |
| <b>ASTM Data</b>                         |       |                   |               |
| Melt Flow Index, MFI                     | 1.5   | g/10min           | ASTM D 1238   |
| Temperature                              | 230   | °C                | -             |
| Load                                     | 2.16  | kg                | -             |
| <b>Mechanical properties</b>             |       |                   |               |
| <b>ISO Data</b>                          |       |                   |               |
| Yield stress                             | 36    | MPa               | ISO 527       |
| Yield strain                             | 12    | %                 | ISO 527       |
| Flexural modulus, 23°C                   | 1550  | MPa               | ISO 178       |
| Izod notched impact strength, +23°C      | 3.9   | kJ/m <sup>2</sup> | ISO 180/1A    |
| Rockwell hardness                        | R 98  | -                 | ISO 2039-2    |
| <b>ASTM Data</b>                         |       |                   |               |
| Tensile Strength at Yield                | 36    | MPa               | ASTM D 638    |
| Elongation at Yield                      | 12    | %                 | ASTM D 638    |
| Rockwell Hardness                        | R 101 | -                 | ASTM D 785    |
| Izod Impact notched, 1/8 in              | 50    | J/m               | ASTM D 256    |
| <b>Thermal properties</b>                |       |                   |               |
| <b>ISO Data</b>                          |       |                   |               |
| Temp. of deflection under load, 1.80 MPa | 57    | °C                | ISO 75-1/-2   |
| Temp. of deflection under load, 0.45 MPa | 102   | °C                | ISO 75-1/-2   |
| Vicat softening temperature, A           | 149   | °C                | ISO 306       |
| <b>ASTM Data</b>                         |       |                   |               |
| DTUL @ 66 psi                            | 101   | °C                | ASTM D 648    |
| DTUL @ 264 psi                           | 57    | °C                | ASTM D 648    |
| Vicat Temperature                        | 146   | °C                | ASTM D 1525   |
| <b>Optical properties</b>                |       |                   |               |
| <b>ASTM Data</b>                         |       |                   |               |
| Haze                                     | 27    | %                 | ASTM D 1003   |
| <b>Other properties</b>                  |       |                   |               |
| Density                                  | 905   | kg/m <sup>3</sup> | ISO 1183      |
| Density                                  | 905   | kg/m <sup>3</sup> | ASTM D 792    |

**Characteristics****Processing**

Sheet Extrusion, Other Extrusion, Blow Molding, Thermoforming

**Special Characteristics**

Transparent

**Features**

Low Odor, Melt Strength, Homopolymer

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

North America, Europe, South and Central America