

H 105

PP

Braskem

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------|-------------------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 40 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| ASTM Data | | | |
| Melt Flow Index, MFI | 40 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Mechanical properties | | | |
| ISO Data | | | |
| Yield stress | 36 | MPa | ISO 527 |
| Yield strain | 11 | % | ISO 527 |
| Flexural modulus, 23°C | 1600 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 2.1 | kJ/m ² | ISO 180/1A |
| Rockwell hardness | R 103 | - | ISO 2039-2 |
| ASTM Data | | | |
| Tensile Strength at Yield | 39 | MPa | ASTM D 638 |
| Elongation at Yield | 8 | % | ASTM D 638 |
| Rockwell Hardness | R 102 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 25 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 59 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 113 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 153 | °C | ISO 306 |
| ASTM Data | | | |
| DTUL @ 66 psi | 110 | °C | ASTM D 648 |
| DTUL @ 264 psi | 59 | °C | ASTM D 648 |
| Vicat Temperature | 154 | °C | ASTM D 1525 |
| Optical properties | | | |
| ASTM Data | | | |
| Haze | 34 | % | ASTM D 1003 |
| Other properties | | | |
| Density | 905 | kg/m ³ | ISO 1183 |
| Density | 905 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Special Characteristics

Transparent

Features

Homopolymer

Certifications

Food contact

Applications

Packaging

Regional Availability

North America, Europe, South and Central America