

EP448R

PP

Braskem

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-------|-------------------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 25 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| ASTM Data | | | |
| Melt Flow Index, MFI | 25 | g/10min | ASTM D 1238 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Mechanical properties | | | |
| ISO Data | | | |
| Yield stress | 26 | MPa | ISO 527 |
| Yield strain | 6 | % | ISO 527 |
| Flexural modulus, 23°C | 900 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 9.2 | kJ/m ² | ISO 180/1A |
| Izod notched impact strength | 4.2 | kJ/m ² | ISO 180/1A |
| Temperature | -20 | °C | - |
| Rockwell hardness | R 40 | - | ISO 2039-2 |
| ASTM Data | | | |
| Tensile Strength at Yield | 23 | MPa | ASTM D 638 |
| Elongation at Yield | 5 | % | ASTM D 638 |
| Rockwell Hardness | R 67 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 110 | J/m | ASTM D 256 |
| Izod Impact notched, Low-Temperature | 55 | J/m | ASTM D 256 |
| Temperature | -20 | °C | - |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 0.45 MPa | 92 | °C | ISO 75-1/-2 |
| ASTM Data | | | |
| DTUL @ 66 psi | 97 | °C | ASTM D 648 |
| Other properties | | | |
| Density | 900 | kg/m ³ | ISO 1183 |
| Density | 900 | kg/m ³ | ASTM D 792 |

Characteristics**Processing**

Injection Molding

Features

Copolymer

Applications

Electrical and Electronical

Regional Availability

North America, Europe, South and Central America