

**RP913**

PP

Borealis A/S

| Processing/Physical Characteristics | Value | Unit    | Test Standard |
|-------------------------------------|-------|---------|---------------|
| <b>ISO Data</b>                     |       |         |               |
| Melt flow index, MFI                | 20    | g/10min | ISO 1133      |
| Temperature                         | 230   | °C      | -             |
| Load                                | 2.16  | kg      | -             |

| Mechanical properties                 | Value | Unit              | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>                       |       |                   |               |
| Tensile Modulus                       | 775   | MPa               | ISO 527       |
| Yield stress                          | 23    | MPa               | ISO 527       |
| Strain at break                       | 200   | %                 | ISO 527       |
| Flexural modulus, 23°C                | 900   | MPa               | ISO 178       |
| Flexural strength                     | 26    | MPa               | ISO 178       |
| Charpy notched impact strength, +23°C | 9     | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Charpy notched impact strength, -30°C | 4     | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Izod notched impact strength, +23°C   | 10    | kJ/m <sup>2</sup> | ISO 180/1A    |

| Thermal properties                       | Value | Unit | Test Standard |
|--|-------|------|---------------|
| <b>ISO Data</b>                          |       |      |               |
| Temp. of deflection under load, 1.80 MPa | 53    | °C   | ISO 75-1/-2   |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 900   | kg/m <sup>3</sup> | ISO 1183      |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature                    | 95 - 105  | °C   | -             |
| Pre-drying - Time                           | 2         | h    | -             |
| Melt temperature                            | 200 - 240 | °C   | -             |
| Mold temperature                            | 20 - 40   | °C   | -             |

**Characteristics****Processing**

Injection Molding

**Features**

Copolymer

**Applications**

Automotive

**Regional Availability**

North America, Europe, South and Central America