

**Polypropylene PP 1248-01**

PP

LyondellBasell Industries

| <b>Mechanical properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>             |              |             |                      |
| Tensile Strength at Yield    | <b>32</b>    | MPa         | ASTM D 638           |
| Elongation at Yield          | <b>8</b>     | %           | ASTM D 638           |
| Flexural Modulus             | <b>1600</b>  | MPa         | ASTM D 790           |
| Rockwell Hardness            | <b>R100</b>  | -           | ASTM D 785           |
| Izod Impact notched, 1/8 in  | <b>25</b>    | J/m         | ASTM D 256           |

| <b>Thermal properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|---------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>          |              |             |                      |
| DTUL @ 66 psi             | <b>110</b>   | °C          | ASTM D 648           |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>900</b>   | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Processing**

Injection Molding

**Applications**

Packaging

**Features**

Nucleated, Homopolymer

**Regional Availability**

North America