

# Umincorp PP

## Polypropylene

### Product description

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### Product characteristics

<b>Test Method used</b>	ISO	
<b>Processing method</b>		
<b>Features</b>		
<b>Typical Properties</b>	<b>Test Method</b>	<b>Unit Value<sup>1</sup></b>
<b>Physical</b>		
Melt flow rate (MFR)		
190 °C / 2.16 kg	ISO 1133	8.0 g / 10 min
190 °C / 5.00 kg	ISO 1133	33.8 g / 10 min
230 °C / 2.16 kg	ISO 1133	18.2 g / 10 min
230 °C / 5.00 kg	ISO 1133	77.8 g / 10 min
Density	ISO 1183	914 kg/m <sup>3</sup>
Ash Content at 600 °C	ISO 3451-1A	1.1%
<b>Mechanical Properties</b>		
Tensile Strain at Yield	ISO 527-2 type 1A	6.5%
Tensile Strain at Break	ISO 527-2 type 1A	21.7%
Tensile Modulus	ISO 527-2 type 1A	1241 MPa
Tensile Strength	ISO 527-2 type 1A	24.9 MPa
<b>Impact Properties</b>		
Charpy Notched (23 °C)	ISO 179 / 1	5.2 kJ/m <sup>2</sup>
Charpy Notched (-30 °C)	ISO 179 / 1	1.9 kJ/m <sup>2</sup>

<sup>1</sup> Unit values are typical values, not to be construed as specifications

