

**Technical Data Sheet**

***Polyflam RPP 2000 GRY8211***



Polypropylene, Unspecified (PP, Unspecified)

**Product Description**

PP Unfilled, Non-Halogenated

**Processing Method**            Injection Molding

**Attribute**                        Halogen Free

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Density, (Method A)	0.910	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Stress at Yield, (Type 1A, 23 °C, 50 mm/min)	38.0	MPa	ISO 527-2
Tensile Strain at Break, (Type 1A, 23 °C, 50 mm/min)	8.0	%	ISO 527-2
Tensile Modulus, (23 °C, 1 mm/min, Type 1A)	1800	MPa	ISO 527-1
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	7.0	kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>			
Vicat Softening Temperature, (A (10N), 50 °C/h)	157	°C	ISO 306
Deflection Temperature Under Load Unannealed (1.80 MPa), (Flatwise)	59.0	°C	ISO 75-2/A