

Technical Data Sheet

Polyflam RPP 2000 GRY8211



Polypropylene, Unspecified (PP, Unspecified)

Product Description

PP Unfilled, Non-Halogenated

Processing Method Injection Molding

Attribute Halogen Free

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density, (Method A)	0.910	g/cm ³	ISO 1183
Mechanical			
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
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	7.0	kJ/m ²	ISO 179
Thermal			
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