

Technical Data Sheet

Polyflam RPP 2000

Polypropylene
LyondellBasell Industries
Engineering Plastics

Product Description

PP Unfilled, Non-Halogenated

General

Material Status	• Commercial: Active
Availability	• Latin America • North America
Features	• Halogen Free
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.910 g/cm ³	0.910 g/cm ³	ISO 1183/A
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus (73°F (23°C))	261000 psi	1800 MPa	ISO 527-1/1A/1
Tensile Stress (Yield, 73°F (23°C))	5510 psi	38.0 MPa	ISO 527-2/1A/50
Tensile Strain (Break, 73°F (23°C))	8.0 %	8.0 %	ISO 527-2/1A/50
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	3.3 ft·lb/in ²	7.0 kJ/m ²	ISO 179/1eA
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	138 °F	59.0 °C	ISO 75-2/Af
Vicat Softening Temperature	315 °F	157 °C	ISO 306/A50

Notes

These are typical property values not to be construed as specification limits.