

Technical Data Sheet

Polyflam RPP 233 D

Polypropylene
LyondellBasell Industries
Engineering Plastics

Product Description

Unfilled flame retardant polypropylene

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Flame Retardant

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	15 g/10 min	15 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹			ASTM D638
Yield	4240 psi	29.3 MPa	
Break	2420 psi	16.7 MPa	
Flexural Modulus - Chord ²	212000 psi	1460 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	1.3 ft·lb/in	68 J/m	ASTM D256
Unnotched Izod Impact (73°F (23°C))	23 ft·lb/in	1200 J/m	ASTM D4812
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating			UL 94
0.06 In (1.5 Mm)	V-2	V-2	
0.12 In (3.0 Mm)	V-2	V-2	

Notes

¹ 2.0 in/min (50 mm/min)

² 0.051 in/min (1.3 mm/min)

Notes

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