

Technical Data Sheet

Polyflam RPP 1021 BLACK 31



Polypropylene, Unspecified (PP, Unspecified)

Product Description

PP Unfilled Flame Retardant PBDE-Free

Regulatory Status

For regulatory compliance information, see *Polyflam* RPP 1021 BLACK 31 [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Additive	Flame Retardant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	0.93	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (50 mm/min)	28.0	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min)	1300	MPa	ASTM D790
Tensile Elongation at Break, (50 mm/min)	300	%	ASTM D638
Impact			
Notched Izod Impact	85	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	50	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	83	°C	ASTM D648
UL Information			
Flame Rating	V-2		UL 94

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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