



Polyflam RPP 1058M-31 BLACK

LyondellBasell Industries - Polypropylene

General Information

Product Description

PP Flame Retardant PBDE-Free

General

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|----------|-------------------|
| Additive | • Flame Retardant |
| Features | • Flame Retardant |

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.962		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	4640	psi	ASTM D638
Tensile Elongation ² (Break)	50	%	ASTM D638
Flexural Modulus ³	236000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.94	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	199	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	129	°F	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-2		UL 94

Notes

¹ Typical properties: these are not to be construed as specifications.

² 2.0 in/min

³ 0.051 in/min