

Technical Data Sheet

Polyflam RCP 500C-01NAT



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Polypropylene based flame retardant concentrate with consistent properties and performance. Polyflam RCP 500C has excellent dispersion and processing stability up to 450F. When used at let down ratios of 20% and 40% in talc filled polypropylenes, a V2 and V0 UL flame rating, respectively, can be achieved at a thickness of 1.5 mm and 3.0 mm.

Regulatory Status

For regulatory compliance information, see *Polyflam* RCP 500C-01NAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Limited Issue
Availability	North America
Processing Method	Blow Molding; Cast Film; Extrusion; Injection Molding; Structural Foam Molding
Additive	Flame Retardant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate	4.0 to 8.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.6	g/cm ³	ASTM D792

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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