



Polyflam RCP 505C 01

LyondellBasell Industries - Low Density Polyethylene

General Information

Product Description

A flame retardant concentrate based in low density polyethylene that features good dispersion, excellent processing stability up to 450 degrees F, and superior UV stability.

RCP 770C is recommended for use in low, linear, and high-density polyethylene. It can be used with equal success in extrusion, blow molding, injection molding, structural foam, and film applications.

RCP 770C also offers good heat sealing and printing performance in polyethylene film applications.

When RCP 770C is let down at 8% in LDPE, a 4-8 mil film will meet flammability criteria according to BFD IX-1 and NFPA 701.

General

Additive	• Flame Retardant		
Features	• Flame Retardant		
Processing Method	• Blow Molding • Cast Film	• Extrusion • Injection Molding	• Structural Foam Molding

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.60		ASTM D792
Melt Mass-Flow Rate (MFR)	4.0 to 8.0	g/10 min	ASTM D1238