

# Polyflam PC-FR0EF BK2054BLK

LyondellBasell Industries - Polycarbonate

## General Information

### Product Description

Polycarbonate, UL Recognized 94 V-0, 94 5VA  
Elevated RTI - 105°C

### General

Appearance • Colors Available

## Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (300°C/2.16 kg)	12	g/10 min	ASTM D1238
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	9.9	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
RTI Elec	221	°F	UL 746B
RTI Imp	221	°F	UL 746B
RTI Str	221	°F	UL 746B
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in		V-0	
0.12 in		5VA	

## Processing Information

Injection	Nominal Value	Unit
Drying Temperature	250	°F
Suggested Max Moisture	< 0.020	%
Rear Temperature	480 to 531	°F
Middle Temperature	480 to 550	°F
Front Temperature	480 to 550	°F
Nozzle Temperature	480 to 550	°F
Processing (Melt) Temp	480 to 550	°F
Mold Temperature	160 to 219	°F
Back Pressure	< 99.9	psi
Screw Speed	40 to 75	rpm