

# Polyflam 52N5006NG6103GRY

LyondellBasell Industries - Polycarbonate

## General Information

### Product Description

Polyflam 52N5006NG6103GRY is a Polycarbonate material.

### General

Additive	• Flame Retardant
Features	• Flame Retardant
Forms	• Pellets

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.22		ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	9010	psi	ASTM D638
Flexural Modulus	339000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	13	ft-lb/in	ASTM D256
Gardner Impact	> 320	in-lb	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	264	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	261	°F	ASTM D648
RTI Str	200	°F	UL 746B
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in		V-2	
0.12 in		V-0	