



# Toppyl SP 2101 C

LyondellBasell Industries - Polybutylene

Monday, November 4, 2019

## General Information

### Product Description

Toppyl SP 2101 C is a fully formulated seal peel solution developed for the cast and blown film technology. This product has been designed to offer a peelable seal to PP substrates and is suitable for sterilisable applications.

Toppyl SP 2101 C is a solution created to replace completely the sealing layer in a coextruded film.

It provides a constant easy-opening force over a wide sealing temperature window and is readily processable on conventional equipment in both mono and co-extruded structures.

EU and FDA compliance information about this product can be found in separate product documentation.

This product is not intended for use in medical and pharmaceutical applications.

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• Medium Antiblock • Medium Slip		
Features	• Good Heat Seal • Good Sterilizability	• Medium Antiblocking • Medium Slip	• Semi Crystalline
Processing Method	• Blown Film	• Cast Film	• Coextrusion

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	0.906	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction <sup>2</sup>	0.15		ASTM D1894
Films	Nominal Value	Unit	Test Method
Secant Modulus - 2% Secant, MD	79800	psi	ASTM D882
Tensile Strength - MD (Yield)	3340	psi	ASTM D882
Tensile Strength - MD (Break)	4930	psi	ASTM D882
Tensile Elongation - MD (Break)	750	%	ASTM D882
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	234	°F	ISO 306/A50

## Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	365 to 509	°F

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Dynamic COF