



Toppyl SP2102C

LyondellBasell Industries - Polyolefin

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General Information

Product Description

Toppyl SP 2102C 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 for non - sterilisable applications.

Toppyl SP 2102 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	<ul style="list-style-type: none"> Commercial: Active 		
Availability	<ul style="list-style-type: none"> Africa & Middle East Asia Pacific 	<ul style="list-style-type: none"> Europe Latin America 	<ul style="list-style-type: none"> North America
Additive	<ul style="list-style-type: none"> Medium Antiblock 	<ul style="list-style-type: none"> Medium Slip 	
Features	<ul style="list-style-type: none"> Good Heat Seal Medium Antiblocking 	<ul style="list-style-type: none"> Medium Slip Semi Crystalline 	
Uses	<ul style="list-style-type: none"> Cast Film 	<ul style="list-style-type: none"> Film 	
Processing Method	<ul style="list-style-type: none"> Blown Film 	<ul style="list-style-type: none"> Cast Film 	<ul style="list-style-type: none"> Coextruded Film

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.904	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.7	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction (vs. Itself - Dynamic)	0.30		ASTM D1894
Films	Nominal Value	Unit	Test Method
Secant Modulus - 2% Secant, MD	55100	psi	ASTM D882
Tensile Strength - MD (Yield)	2760	psi	ASTM D882
Tensile Strength - MD (Break)	4640	psi	ASTM D882
Tensile Elongation - MD (Break)	750	%	ASTM D882
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	205	°F	ISO 306/A50

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	365 to 509	°F

Notes

¹ Typical properties: these are not to be construed as specifications.

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