

# Toppyl SP2102C

Polyolefin  
LyondellBasell Industries

## Message:

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 Information	
Additive	Medium Antiblock Medium Slip
Features	Good Heat Seal Medium Antiblocking Medium Slip Semi Crystalline
Uses	Cast Film Film
Processing Method	Blown Film Cast Film Coextruded Film

Physical	Nominal Value	Unit	Test Method
Density	0.904	g/cm <sup>3</sup>	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	380	MPa	ASTM D882
Tensile Strength - MD			ASTM D882
Yield	19.0	MPa	
Break	32.0	MPa	
Tensile Elongation - MD (Break)	750	%	ASTM D882
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	96.0	°C	ISO 306/A50

Extrusion	Nominal Value	Unit
Melt Temperature	185 to 265	°C

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