

Toppyl SP 2101 C

Polybutylene
LyondellBasell Industries

Message:

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 Information			
Additive	Medium Antiblock		
	Medium Slip		
Features	Good Heat Seal		
	Good Sterilizability		
	Medium Antiblocking		
	Medium Slip		
	Semi Crystalline		
Processing Method	Blown Film		
	Cast Film		
	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.906	g/cm ³	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 ¹	0.15		ASTM D1894
Films	Nominal Value	Unit	Test Method
Secant Modulus - 2% Secant, MD	550	MPa	ASTM D882
Tensile Strength - MD			ASTM D882
Yield	23.0	MPa	
Break	34.0	MPa	
Tensile Elongation - MD (Break)	750	%	ASTM D882
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	112	°C	ISO 306/A50
Extrusion	Nominal Value	Unit	
Melt Temperature	185 to 265	°C	

NOTE

1. Dynamic COF

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