

# Toppyl SP 2000 B

Polyolefin  
LyondellBasell Industries

## Message:

Toppyl SP 2000 B is a fully formulated seal peel solution especially developed for the blown film technology. This product has been designed to offer a peelable seal to PE substrates or to seal & peel against itself and is suitable for non-sterilisable applications. Toppyl SP 2000B 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	Food Contact Acceptable		
	Good Heat Seal		
	Good Melt Strength		
	Good Tear Strength		
	Medium Antiblocking		
	Medium Slip		
	Semi Crystalline		
	Very Broad Seal Range		
Uses	Film		
Agency Ratings	EU Unspecified Rating		
	FDA Unspecified Rating		
Processing Method	Blown Film		
	Coextrusion		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.912	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)	2.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction	0.25		ASTM D1894
Films	Nominal Value	Unit	Test Method
Secant Modulus - MD	185	MPa	ASTM D882
Tensile Strength - MD			ASTM D882
Yield	9.00	MPa	

Break	28.0	MPa	
Tensile Elongation - MD (Break)	670	%	ASTM D882
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°C	ISO 306/A50
Melting Temperature	110	°C	DSC
Extrusion	Nominal Value	Unit	
Melt Temperature	170 to 230	°C	

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