



Toppyl SP 2000 B

LyondellBasell Industries - Polyolefin

Tuesday, November 5, 2019

General Information

Product Description

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

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.912	g/cm ³	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	26800	psi	ASTM D882
Tensile Strength - MD (Yield)	1310	psi	ASTM D882
Tensile Strength - MD (Break)	4060	psi	ASTM D882
Tensile Elongation - MD (Break)	670	%	ASTM D882
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	194	°F	ISO 306/A50
Melting Temperature	230	°F	DSC

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	338 to 446	°F

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Notes

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