

Toppyl SP 2001 B

Compounded Polyolefin

Product Description

Toppyl SP 2001 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 2001 B 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.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Features	Medium Antiblocking , Semi Crystalline, Good Heat Seal, Good Melt Strength , Medium Slip, Good Tear Strength
Typical Customer Applications	Blown Film, Peelable Film, Speciality Film

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.918	g/cm ³
Melt flow rate (MFR)	ISO 1133	0.80	g/10 min
Mechanical			
Tensile Strength @ Brk MD	ASTM D 882	28	MPa
Tensile Strength @ Yld MD	ASTM D 882	12	MPa
Elongation at break MD	ASTM D 882	580	%
Thermal			
Melting temperature	DSC	113	°C
Vicat softening temperature A/50	ISO 306	95	°C
Film			
Coefficient of Friction	ASTM D 1894	0.25	
<i>Note: Dynamic COF</i>			
Secant modulus MD	ASTM D 882	200	MPa

Additional Properties

Recommended processing temperatures: 170°C to 230°C. In cases were higher temperatures are required please contact your appropriate technical contact for support.

Notes

Typical properties; not to be construed as specifications.

