

## Toppyl SP2102C

### Compounded Polyolefin

#### Product Description

**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.

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ISO
<b>Features</b>	Medium Antiblocking , Semi Crystalline, Good Heat Seal, Medium Slip
<b>Typical Customer Applications</b>	Blown Film, Cast Film, Peelable Film, Speciality Film

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	0.904	g/cm <sup>3</sup>
Melt flow rate (MFR)	ISO 1133	5.7	g/10 min
<i>Note: Melt flow rate 230 Deg. C / 2.16 kg</i>			
<b>Mechanical</b>			
Tensile Strength @ Brk MD	ASTM D 882	32	MPa
Tensile Strength @ Yld MD	ASTM D 882	19	MPa
Elongation at break MD	ASTM D 882	750	%
<b>Thermal</b>			
Vicat softening temperature A/50	ISO 306	96	°C
<b>Film</b>			
Coefficient of Friction	ASTM D 1894	0.30	
<i>Note: Dynamic COF</i>			
Secant modulus MD (2% Secant)	ASTM D 882	380	MPa

#### Additional Properties

Recommended processing temperatures: 185°C to 265°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.

