



## Toppyl SP 2103 C

### Compounded Polyolefin

#### Product Description

**Toppyl SP 2103 C** is a barefoot 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 2103 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>Availability</b>                  | Europe, North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America |
| <b>Features</b>                      | Semi Crystalline, Good Heat Seal   |
| <b>Typical Customer Applications</b> | Blown Film, Cast Film, Peelable Film, Speciality Film                                |

| Typical Properties                               | Method     | Value | Unit              |
|--|------------|-------|-------------------|
| <b>Physical</b>                                  |            |       |                   |
| Density  | ISO 1183   | 0.902 | g/cm <sup>3</sup> |
| Melt flow rate (MFR)                             | ISO 1133   | 6     | 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 | 33    | MPa               |
| Tensile Strength @ Yld MD                        | ASTM D 882 | 15    | MPa               |
| Elongation at break MD                           | ASTM D 882 | 790   | %                 |
| <b>Thermal</b>                                   |            |       |                   |
| Vicat softening temperature A/50                 | ISO 306    | 107   | °C                |
| <b>Film</b>                                      |            |       |                   |
| Secant modulus MD (2% Secant)                    | ASTM D 882 | 260   | MPa               |

#### Additional Properties

Recommended processing temperatures: 185°C to 265°C. In cases where higher temperatures are required please contact your appropriate technical contact for support.

#### Notes

Typical properties; not to be construed as specifications.