

# COSMOPLENE® FC9413L

Polypropylene Random Copolymer  
TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

COSMOPLENE FC9413L is a Polypropylene Random Copolymer specially designed for good transparency, low heat seal, higher stiffness and good adhesion with BOPP film.

Extrusion coating on BOPP film for packaging of snack food, instant noodle, candy and many others food packing which require clarity.

| General Information        |                             |                   |                 |
|----------------------------|-----------------------------|-------------------|-----------------|
| Features                   | Food Contact Acceptable     |                   |                 |
|                            | Good Adhesion               |                   |                 |
|                            | High Stiffness              |                   |                 |
|                            | Random Copolymer            |                   |                 |
| Uses                       | Food Packaging              |                   |                 |
| Agency Ratings             | FDA 21 CFR 177.1520(c) 3.1a |                   |                 |
| Processing Method          | Extrusion Coating           |                   |                 |
| Physical                   | Nominal Value               | Unit              | Test Method     |
| Specific Gravity           | 0.900                       | g/cm <sup>3</sup> | ASTM D792       |
| Melt Mass-Flow Rate (MFR)  | 20                          | g/10 min          | ASTM D1238      |
| Mechanical                 | Nominal Value               | Unit              | Test Method     |
| Tensile Strength (Break)   | 36.0                        | MPa               | ASTM D638       |
| Tensile Elongation (Break) | 900                         | %                 | ASTM D638       |
| Apparent Bending Modulus   | 750                         | MPa               | ASTM D747       |
| Thermal                    | Nominal Value               | Unit              | Test Method     |
| Melting Temperature        | 145                         | °C                | Internal Method |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT