

Technical Data

Product Description

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

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English)
Search for UL Yellow Card	• COSMOPLENE®
Availability	• Asia Pacific
Features	• Food Contact Acceptable • High Stiffness • Good Adhesion • Random Copolymer
Uses	• Food Packaging
Agency Ratings	• FDA 21 CFR 177.1520(c) 3.1a
Processing Method	• Extrusion Coating

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	0.902	0.900 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	20 g/10 min	20 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	5220 psi	36.0 MPa	ASTM D638
Tensile Elongation (Break)	900 %	900 %	ASTM D638
Apparent Bending Modulus	109000 psi	750 MPa	ASTM D747
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature	293 °F	145 °C	Internal Method

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.



COSMOPLENE® FC9413L

Polypropylene Random Copolymer

TPC, The Polyolefin Company (Singapore) Pte Ltd



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Where to Buy

Supplier

TPC, The Polyolefin Company (Singapore) Pte Ltd
Singapore, Thailand
Telephone: 65-6292-9622
Web: <http://www.tpc.com.sg/>

Distributor

Please contact the supplier to find a distributor for COSMOPLENE® FC9413L



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