The Polyolefin Company (Singapore) Pte. Ltd.

Office : 150 Beach Road, #10-00 Gateway West, Singapore 189720
Tel: (65) 6292 9622 Fax: (65) 6293 8890, (65) 6292 6595, (65) 6293 2748
Plant : 401 Ayer Merbau Road, Singapore 628285
Website: www.tpc.com.sg Co. Reg. No.: 198001666D

COSMOPLENE® FC9413G

CHARACTERISTICS

COSMOPLENE FC9413G is Polypropylene Random Copolymer specially designed for good transparency, low heat seal, higher stiffness and good adhesion with BOPP film.

APPLICATIONS

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

FC9413G complies with U.S. FDA Regulation 21 CFR 177.1520 (C) 3.1a, as long as it is used unmodified and processed according to standard manufacturing practices in the industries.

Note : Direct food contact is subjected to the extraction provisions of the regulation on the finished food contact article.

PHYSICAL PROPERTIES

ITEM	UNIT	FC9413G	TEST METHOD
Melt Flow Rate	g/10 mins	20	ASTM D1238
Density	g/cm³	0.90	ASTM D792
Tensile Strength at break	MPa	36	ASTM D638
Elongation at break	%	900	ASTM D638
Stiffness	MPa	750	ASTM D747
Melting Point	°C	145	TPC METHOD

Remarks:

* Draw down property of FC9413G by itself have been confirmed at 300m/min with stable edges at resin stock temperature 290°C for 15μ coating thickness.

- The figures presented are typical laboratory averages, only for reference.
- The information is based on our current knowledge, is subjected to continuous updates and is intended to suggest/ recommend product applications and to provide typical data on the related properties. It should not therefore be construed as guaranteeing any specific property of the product. TPC makes no warranty of any kind, expressed or implied, regarding the accuracy of these data.

Responsible Care®
OUR COMMITMENT TO SUSTAINABILITY

CERTIFICATE SG99/16071 CERTIFICATE SG05/00847

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THIEN AN PLASTICS | thienanplastics.com | Hotline / Zalo / WeChat / WhatsApp: +84 389 980 742