

# COSMOPLENE® FC9411L

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

Message:  
COSMOPLENE FC9411L is Polypropylene Random Copolymer specially designed for good transparency, low heat seal, higher stiffness and good adhesion with BOPP film.

General Information			
Features	Good Adhesion		
	High Stiffness		
	Low Temperature Heat Sealability		
	Medium Clarity		
	Random Copolymer		
Uses	Coating Applications		
	Food Packaging		
	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)	910	%	ASTM D638
Apparent Bending Modulus	740	MPa	ASTM D747
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	145	°C	Internal Method

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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



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