

# COSMOPLENE® FC9412L

Polypropylene Impact Copolymer

TPC, The Polyolefin Company (Singapore) Pte Ltd

## Message:

COSMOPLENE FC9412L is a Polypropylene Random Copolymer specially designed for PP woven cloth coating with low coating temperature, high bonding strength and small neck-in.

Extrusion coating for PP woven bag, cloth/paper sandwich for chemical and cement bag.

General Information			
Features	Bondability		
	Low Neck-In		
	Random Copolymer		
Uses	Bags		
	Fabric Coatings		
	Paper Coatings		
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)	29.0	MPa	ASTM D638
Tensile Elongation (Break)	870	%	ASTM D638
Apparent Bending Modulus	740	MPa	ASTM D747
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	146	°C	Internal Method

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## Recommended distributors for this material

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