

COSMOPLENE® FC9414G

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

Message:

COSMOPLENE® FC9414G is a Polypropylene Random Copolymer (PP Random Copolymer) product. It can be processed by extrusion coating and is available in Asia Pacific. Applications of COSMOPLENE® FC9414G include coating applications, film and packaging.

Characteristics include:

- Clarity
- Copolymer
- Good Processability
- Good Sealability
- High Stiffness

General Information			
Features	Dispersible		
	Good Processability		
	High Stiffness		
	Low Temperature Heat Sealability		
	Medium Clarity		
	Random Copolymer		
	Terpolymer		
Uses	Bi-axially Oriented Film		
	Food Packaging		
	Laminates		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	29.4	MPa	ASTM D638
Tensile Elongation (Yield)	800	%	ASTM D638
Apparent Bending Modulus	790	MPa	ASTM D747
Thermal	Nominal Value	Unit	
Melting Temperature	146	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	280 to 320	°C	

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