

COSMOPLENE® FC9412G

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

Message:

COSMOPLENE® FC9412G 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® FC9412G include coating applications, bags/liners and hose/tubing.

Characteristics include:

- Copolymer
- Good Adhesion

General Information			
Features	Bondability		
	Dispersible		
	Random Copolymer		
	Terpolymer		
Uses	Bags		
	Coating Applications		
	Laminates		
	Tubing		
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)	750	%	ASTM D638
Apparent Bending Modulus	740	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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