



COSMOPLENE® FC9413G

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

Thursday, March 20, 2008

Copolymer General Information

General			
Material Status	• Commercial: Active		
Availability	• Asia Pacific		
Features	• Clarity, Medium • Copolymer, Random	• Dispersible • Heat Sealability, Low Temp.	• Stiffness, High • Terpolymer
Uses	• Film, Bi-axially Oriented	• Laminates	• Packaging, Food
Forms	• Pellets		
Processing Method	• Extrusion Coating		

ASTM and ISO Properties			
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	0.902	0.900	ASTM D792
Melt Mass-Flow Rate (MFR)	20 g/10 min	20 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	4260 psi	29.4 MPa	ASTM D638
Tensile Elongation (Yield)	800 %	800 %	ASTM D638
Apparent Bending Modulus	113000 psi	780 MPa	ASTM D747
Thermal	Nominal Value (English)	Nominal Value (SI)	
Melting Point	295 °F	146 °C	

Processing Information		
Extrusion	Nominal Value (English)	Nominal Value (SI)
Melt Temperature	536 to 608 °F	280 to 320 °C

Notes

¹ Typical properties: these are not to be construed as specifications.