

COSMOPLENE® FL6416

Polypropylene

TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

COSMOPLENE® FL6416 is a Polypropylene product. It can be processed by cast film and is available in Asia Pacific. Applications of COSMOPLENE® FL6416 include coating applications and film.

Characteristics include:

- Clarity
- Good Processability
- Good Sealability
- Impact Resistant

General Information			
Features	Good Impact Resistance		
	Good Processability		
	High Clarity		
	Low Temperature Heat Sealability		
	Terpolymer		
Uses	Cast Film		
	Laminates		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	38.2	MPa	ASTM D638
Tensile Elongation (Break)	800	%	ASTM D638
Apparent Bending Modulus	932	MPa	ASTM D747
Films	Nominal Value	Unit	Test Method
Seal Initiation Temperature	128	°C	
Thermal	Nominal Value	Unit	
Melting Temperature	149	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	240 to 260	°C	
Take-Off Roll	20.0 to 30.0	°C	

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