

# COSMOPLENE® FL7632L

Polypropylene

TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

COSMOPLENE FL632L is Polypropylene Terpolymer product designed for cast PP with low heat seal temperature, high transparency and roll mark free at high speed.  
COSMOPLENE FL7632L is suitable for heat sealing layer for dry lamination with BOPP film. FL7632L contains slip and anti-blocking agents.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	High Clarity		
	Low Temperature Heat Sealability		
	Slip		
	Terpolymer		
Uses	Bi-axially Oriented Film		
	Cast Film		
	Laminates		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	44.0	MPa	ASTM D638
Tensile Elongation (Break)	850	%	ASTM D638
Apparent Bending Modulus	830	MPa	ASTM D747
Coefficient of Friction (vs. Itself - Static)	0.20		ASTM D1894
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	30	µm	
Secant Modulus			Internal Method
MD : 30 µm	420	MPa	
TD : 30 µm	440	MPa	
Seal Initiation Temperature (30 µm)	120	°C	Internal Method
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	132	°C	Internal Method
Optical	Nominal Value	Unit	Test Method

Gloss (30.0 μm)	150		ASTM D2457
Haze (30.0 μm)	2.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	235	°C	
Take-Off Roll	26.0	°C	

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#### Recommended distributors for this material

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