

# COSMOPLENE® FL7015E2

Polypropylene Homopolymer  
TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

COSMOPLENE FL7015E2 is Polypropylene Homopolymer designed for cast film with good flow compatibility when coextruded with selected Copolymer/Terpolymer as skin layer.

General Information	
Additive	slip agent
Features	Homopolymer
Uses	Packaging
	cast film
	Food packaging
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1a
Appearance	Clear/transparent
Forms	Particle
Processing Method	Co-extrusion molding
	Extrusion
	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)	44.1	MPa	ASTM D638
Tensile Elongation (Yield)	800	%	ASTM D638
Apparent Bending Modulus	1420	MPa	ASTM D747
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	30	µm	
secant modulus			Internal method
MD	740	MPa	Internal method
TD	760	MPa	Internal method
Thermal	Nominal Value	Unit	
Melting Temperature	165	°C	
Additional Information			

Resin Temperature: 250°CChill Roll Temperature: 26°C

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Recommended distributors for this material

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