

COSMOPLENE® FL7013E2

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

Message:
COSMOPLENE FL7013E2 is Polypropylene Homopolymer product with good Aluminum adhesiveness and stiffness/impact balance.

General Information			
Features	Rigid, good		
	Highlight		
	Homopolymer		
	Good adhesion		
Uses	cast film		
	Adhesive		
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1a		
Forms	Particle		
Processing Method	Extrusion		
	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)	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			ASTM D882
MD	810	MPa	ASTM D882
TD	790	MPa	ASTM D882
Thermal	Nominal Value	Unit	
Melting Temperature	165	°C	
Optical	Nominal Value	Unit	Test Method
Gloss	120		ASTM D2457
Haze	4.6	%	ASTM D1003
Additional Information			
Resin Temperature: 250°CChill Roll Temperature: 50°C			

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