

COSMOTHENE® F210

Low Density Polyethylene

TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

COSMOTHENE F210 is not formulated with additives such as slip and antiblock agents.
F210 is suitable for foam sheet, bubble pack and film applications.

General Information	
Uses	Film
	Foam
	Sheet
Agency Ratings	FDA 21 CFR 177.1520(c) 2.1
Forms	Pellets
Processing Method	Film Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.922	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	13.7	MPa	ASTM D638
Tensile Elongation (Break)	570	%	ASTM D638
Apparent Bending Modulus	230	MPa	ASTM D747
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	109	°C	Internal Method

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