

COSMOTHENE® F410-6

Low Density Polyethylene

TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

Non-BHT Recipe.

General Information			
Additive	High Slip		
Features	Good Processability		
	High Slip		
Uses	Bags		
	Film		
	Laundry Bags		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.923	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	13.7	MPa	ASTM D638
Tensile Elongation (Break)	550	%	ASTM D638
Apparent Bending Modulus	235	MPa	ASTM D747
Thermal	Nominal Value	Unit	
Melting Temperature	111	°C	
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	120 to 140	°C	
Cylinder Zone 2 Temp.	130 to 150	°C	
Cylinder Zone 3 Temp.	140 to 160	°C	
Adapter Temperature	145 to 165	°C	
Melt Temperature	155 to 175	°C	
Die Temperature	155 to 175	°C	

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